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Review of applied entomology

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Series A – Agricultural

Volume 62

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REVIEW OF APPLIED ENTOMOLOGY

Series A

Volume 62

Contents Parts 1–6

ABSTRACTS						
TAXONOMY, FAUNAS	1	73	207	315	429	541
ANATOMY, MORPHOLOGY	2	77	210	318	433	544
REPRODUCTION AND DEVELOPMENT	3	78	211	318	434	545
PHYSIOLOGY AND BIOCHEMISTRY	5	79	213	322	435	547
GENETICS AND STERILITY	–	88	218	327	446	554
ECOLOGY AND BEHAVIOUR	11	88	219	328	447	557
GEOGRAPHY	16	96	226	336	456.	566
TECHNIQUES AND APPARATUS	17	98	226	337	457	566
ARTHROPODS OF AGRICULTURAL IMPORTANCE	20	100	228	341	463	572
Non-classified, other than below	20	101	229	342	463	572
Insecta	20	101	229	–	465	574
Arachnida	21	–	230	–	465	575
Other classes	–	–	–	343	–	575
Locusts and grasshoppers	21	102	234	343	465	576
Ants, wasps, polyphagous pests	22	105	236	345	467	579
Pollinating agents	–	107	–	–	–	582
Faunas and biocoenoses	23	107	237	346	470	582
Parasites and predators	24	108	238	347	471	583
Termites	–	115	246	354	480	586
ECONOMICALLY SIGNIFICANT PLANTS ASSOCIATED WITH ARTHROPODS	26	116	246	355	481	588
Mushrooms	26	116	246	–	–	588
Non-classified (including weeds and alternative food-plants of arthropods)	27	116	247	355	481	588
Sugar-cane, cereals, grasses (including turf) and forage plants	27	118	248	355	482	589
Fruit and nut crops	35	130	260	368	487	597
Vegetables, legumes and oil-crops	45	145	272	377	495	607
Fibre crops	49	158	279	385	500	613
Tobacco and beverage crops	51	162	282	390	506	616
Ornamental plants	51	164	282	391	507	616
Rubber	–	–	–	–	–	–
Forest trees	52	165	284	392	508	617
COMMODITIES (INCLUDING STORED PRODUCTS) AND RESOURCES	55	181	291	397	514	623
DISEASES AND DISORDERS	56	182	293	399	518	629
PROTECTION AGAINST ARTHROPODS AND USE OF ARTHROPODS FOR BIOLOGICAL CONTROL	60	189	297	403	523	634
Control measures	60	–	297	403	523	634
Surveys, detection, loss estimating, forecasting	65	193	302	411	–	639
Legal aspects	–	–	–	–	530	–
Industrial aspects	65	–	–	–	–	–
CHEMICALS, INCLUDING TOXICITY TESTS AND ENVIRONMENTAL EFFECTS	65	194	304	413	530	639
ORGANISATIONS AND COMMUNICATION	71	202	309	427	539	649

Contents Parts 7 - 12

ABSTRACTS						
TAXONOMY, FAUNAS	651	767	897	1069	1207	1335
ANATOMY, MORPHOLOGY	654	771	901	1074	1211	1336
REPRODUCTION AND DEVELOPMENT	655	772	902	1076	1212	1337
PHYSIOLOGY AND BIOCHEMISTRY	657	773	905	1076	1212	1338
GENETICS AND STERILITY	667	778	914	1084	1221	1339
ECOLOGY AND BEHAVIOUR	668	781	919	1087	1223	1340
GEOGRAPHY	672	790	932	1095	1231	1346
TECHNIQUES AND APPARATUS	674	790	933	1097	1232	1347
ARTHROPODS OF AGRICULTURAL IMPORTANCE	677	795	939	1102	1239	1349
Non-classified, other than below	679	798	945	1102	1240	1349
Insecta	680	798	950	1102	1240	–
Arachnida	680	–	952	1108	1240	–
Other classes	681	–	–	–	–	–
Locusts and grasshoppers ...	681	799	952	1108	1241	1350
Ants, wasps, polyphagous pests	683	800	955	1111	1243	1351
Pollinating agents	684	–	955	1113	–	–
Faunas and biocoenoses ...	684	803	955	1113	1245	1351
Parasites and predators ...	684	804	956	1113	1245	1351
Termites	684	810	964	1119	1254	–
ECONOMICALLY SIGNIFICANT PLANTS ASSOCIATED WITH ARTHROPODS	697	812	965	1120	1254	1358
Mushrooms	–	–	–	–	–	1358
Non-classified (including weeds and alternative food-plants of arthropods)	697	812	965	1120	1254	1358
Sugar-cane, cereals, grasses (including turf) and forage plants	698	814	966	1122	1257	135
Fruit and nut crops	710	822	978	1134	1266	136
Vegetables, legumes and oil-crops	721	834	991	1144	1272	137
Fibre crops	730	842	997	1152	1280	138
Tobacco and beverage crops	734	847	1004	1157	2285	138
Ornamental plants	735	848	1005	1158	1286	138
Rubber	–	–	–	–	–	–
Forest trees	736	848	1005	1159	1286	–
COMMODITIES (INCLUDING STORED PRODUCTS) AND RESOURCES	742	858	1015	1167	1295	139
DISEASES AND DISORDERS	746	861	1020	1171	1297	139
PROTECTION AGAINST ARTHROPODS AND USE OF ARTHROPODS FOR BIOLOGICAL CONTROL	752	872	1031	1179	1307	140
Control measures	752	872	1031	1179	1307	140
Surveys, detection, loss estimating, forecasting ...	754	–	1048	1198	1315	140
Legal aspects	754	885	1048	1198	–	–
Industrial aspects	–	–	1049	–	–	–
CHEMICALS, INCLUDING TOXICITY TESTS AND ENVIRONMENTAL EFFECTS	754	885	1049	1199	1317	140
ORGANISATIONS AND COMMUNICATION ...	766	895	1065	–	1333	141
AUTHOR INDEX	1417					
SUBJECT INDEX	1461					

ERRATA

(lines are counted from the beginning of the bibliographic data in each item.)

Volume 62

Page	*Abstract*	*Line*	
31	133	5/6	for 'Setaria italica' read '*Setaria italica*'
36	155	8	for 'pomonella' read '*pomonella*'
37	163	13	for 'occidentalis' read '*occidentalis*'
55	229	6	for 'Trogoderma granarium' read '*Trogoderma granarium*'
115	484		This abstract should have appeared under 'Ants, wasps, polyphagous pests'
161	646	7	for 'Ricinus communis' read '*Ricinus communis*'
210	867	2	for '**[Gilpinia]**' read '**[*Gilpinia*]**'
223	916 917		should appear under 'PHYSIOLOGY AND BIOCHEMISTRY'
236	987		should appear under the heading 'Insecta'
239	1000	10	for 'unidecimpunctata' read '*undecimpunctata*'
247	1023		should appear under 'Non-classified'
264	1084	15	for '*Crataeges*' read '*Crataegus*'
272	1110		should appear under 'Non-classified'
291	1175		should appear under 'Vegetables, legumes and oil-crops'
299	1201		should appear under 'CHEMICALS'
321	1287	23	for 'mobility for escape,' read 'to females may be related'
334	1330		This abstract should appear under 'GENETICS AND STERILITY'
339	1347	5	for 'cribs for the production' read 'Motsch. infesting maize'
347	1379	6	for 'Nudaurelia' read '*Nudaurelia*'
348	1381	3	for '**pin**' read '**pink**'
361	1422	7	for 'Beszyński' read 'Błeszyński'
380	1491	3	for '**Anthoidae**' read '**Anthomyiidae**'
390	1526		This abstract should appear under 'Vegetables, legumes and oil-crops'
404	1577	9	for 'a dose of 4 dkrad or less' read 'larval development and'
432	1673	10	for 'secies' read 'species'
434	1689	2	for '(*Hemiptera: Miridae*).' read '(**Hemiptera: Miridae**).'
442	1722	9	for '*corpora allata*,' read 'corpora allata,'
452	1758	15	insert 'on the R.H. scale. The response to alternatives' after 'alternatives'
468	1821	7	for 'radioactive tracers' read 'of the results'
480	1858-9		These abstracts should appear under 'Ants, wasps, polyphagous pests'
497	1915	7	for 'alfalfa,' read 'lucerne,'
500	1928	6	for '(*Prodenia*),' read '(*Prodenia*) spp.,'
506	1947		This abstract should appear under 'Forest trees'
528	2034	2	for '**Curculiomidae**' read '**Curculionidae**'
539	2073	8	insert 'from' after 'dioxide'
548	2116	10	insert 'be' after 'can'
550	2124	12	for 'Phaseolus aureus' read '*Phaseolus aureus*'

Page	*Abstract*	*Line*	
566	2180	8	for ‘fornicatus’ read ‘*fornicatus*’
586	2271		This abstract should appear under ‘Ants, wasps, polyphagous pests’
597	2309		This abstract should appear under ‘REPRODUCTION AND DEVELOPMENT’
610	2355	4	for ‘platura’ read ‘*platura*’
621	2395	8	for ‘Porthetria’ read ‘*Porthetria*’
622	2398	8	for ‘viridanus’ read ‘*viridanus*’
638	2465	7	insert ‘krad’ after ‘40’
654	2516	8	for ‘*Mats.*’ read ‘Mats.’
655	2521	3	for ‘**Aleyoridae**’ read ‘**Aleyrodidae**’
655	2522	11	for ‘*Agromyzid*’ read ‘Agromyzid’
667	2569	3-4	for ‘*für* Pflanzenkrankheiten und Pflanzenschutz’ read ‘*für Pflanzenkrankheiten und Pflanzenschutz*’
679	2631	5-6	for ‘*Wllgr. are of economic importance. In 1972-73, difficulties in controlling*’ read ‘Willgr. are of economic importance. In 1972-73, difficulties in controlling’
690	2668	18	for ‘Acyrthosiphon pisum’ read ‘*Acyrthosiphon pisum*’
693	2678-9		These abstracts should appear under ‘Ants, wasps, polyphagous pests’
693-6	2681-96		These abstracts should appear under ‘Ants, wasps, polyphagous pests’
695	2688	6	for ‘*Retz.) and*’ read ‘Retz.) and’
698	2703	7	for ‘*błeszyński*’ read ‘Błeszyński’
714	2771	4	for ‘Pflanzenkrankheiten und Pflanzenschutz’ read ‘*Pflanzenkrankheiten und Pflanzenschutz*’
725	2809	5	for ‘Agrotis’ read ‘*Agrotis*’
728	2820	3	for ‘Pflanzenkrankheiten und Pflanzenschutz’ read ‘*Pflanzenkrankheiten und Pflanzenschutz*’
729	2825	6	for ‘III. Quantitative’ read ‘cells of galls formed’
732	2834	2	for ‘**AGAINST THE LARVAL STAGES**’ read ‘**Laboratory evaluation**’
740	2867	1	for ‘**Synergus clandestinus**’ read ‘***Synergus clandestinus***’
741	2869	4	for ‘*für* Schädlingskunde und Pflanzenschutz’ read ‘*für Schädlingskunde und Pflanzenschutz*’
746	2890	3	for ‘Schädlingskunde und Pflanzenschutz’ read ‘*Schädlingskunde und Pflanzenschutz*’
755	2922	8	insert ‘-2,4’ before ‘-dodecadienoate’
758	2931	1	for ‘*SIEBER, J.N.*’ read ‘SIEBER, J.N.’
715	2773	1	insert ‘MORGAN,’ before ‘C.V.G.’
721	2795	1	for ‘LOPEZ’ read ‘LÓPEZ’
723	2806	1	for ‘CERMELI, M.,’ read ‘CERMELI, M.;’
752	2913	1	insert ‘,’ before ‘JR.’
789	3043	17	for ‘offspring’ read ‘no young’
823	3180	20	for ‘*possibly*’ read ‘possibly’
846	3257		This abstract should appear under ‘Fruit and nut crops’
855	3282	13	for ‘of the’ read ‘species’

Page	*Abstract*	*Line*	
856	3285	17	for ‘piniperda’ read ‘*piniperda*’
877	3360	5	for ‘Simon Fraser University,’ read ‘nematodes are exposed’
907	3469	7	for ‘*Sodoptera*’ read ‘*Spodoptera*’
931	3539	6	for ‘repens)’ read ‘*repens*’
932	3542	5	for ‘solani’ read ‘*solani*’
955	3636	8	for ‘*cf.*’ read ‘*Cf.*’
957	3644	15	for ‘(Trans.)’ read ‘(Thoms.)(’
962	3661	15	for ‘*Psyllid*’ read ‘Psyllid’
986	3746	7	for ‘*groves*’ read ‘groves’
994	3771	8	for ‘*(Hoisd.) and*’ read ‘(Boisd.) and’
999	3788	11	for ‘terinal’ read ‘terminal’
1010	3826	5	for ‘*Dendroctonus frontalis*’ read ‘fungi in the’
1017	3854	17	for ‘infestion’ read ‘infestation’
1029	3895	14	for ‘Cydia’ read ‘*Cydia*’
1038	3928	14	for ‘exigua’ read ‘*exigua*’
1043	3948	13	for ‘S. fumosa’ read ‘*S. fumosa*’
1043	3949	13	for ‘percentage’ read ‘percentages’
1071	4051	16	insert ‘,’ after ‘*walleyi*’
1071	4052	1	for ‘**Chrysocharis**’ read ‘*Chrysocharis*’
1071	4052	7	for ‘Of these. *C. (C.) Beckeri,*’ read ‘Of these, *C. (C.) beckeri,*’
1071	4053	2	for ‘**hemiptera**’ read ‘**Hemiptera**’
1072	4054	2	for ‘***Lasiocampides***’ read ‘**Lasiocampids**’
1078	4086	4	insert ‘,’ after ‘Dudgn.’
1080	4093	6	for ‘Fo̊rsk.,’ read ‘(Forsk.),’
1081	4095	17	for ‘hatching.’ read ‘hatching;’
1082	4101	7	for ‘*Hydropbora*’ read ‘*Hyalophora*’
1083	4104	8	for ‘*lymantria*’ read ‘*Lymantria*’
1084	4105	14	for ‘*Zea*’ read ‘*zea*’
1092	4133	1	for ‘**Sex pheromones**’ read ‘**Influence**’
1095	4144	8	for ‘New Guinea in July’ read ‘trees, shade trees’
1095	4144	27	for ‘*Rhycophorus*’ read ‘*Rhynchophorus*’
1096	4144	48	insert ‘km’ after ‘16’
1096	4147	6	for ‘etc.),’ read ‘etc.],’
1096	4148	1	for ‘**Trisetacus floridanus**’ read ‘***Trisetacus floridanus***’
1107	4191	11	insert ‘,’ after ‘*abelmoschus*)’
1107	4191	14	for ‘*avicenna*’ read ‘*avicennae*’
1108	4199	7	for ‘ringer’s’ read ‘Ringer’s’
1112	4213	21	for ‘syrphid’ read ‘Syrphid’
1114	4217	9	for ‘*Mahdn.,*’ read ‘Mahdn.,’
1119	4238		This abstract should appear under ‘Parasites and predators’
1124	4250	20	insert ‘,’ after ‘Guér.’
1125	4258	9	insert ‘]’ after ‘(Stål)’
1130	4272	7	for ‘Azodrin, [monocrotophos]’ read ‘Azodrin [monocrotophos],’
1132	4279	5	for ‘Khadzhibeĭli.’ read ‘Khadzhibeĭli,’
1132	4279	6	for ‘khadzhibeĭli’ read ‘Khadzhibeĭli’
1133	4282	9	for ‘layed’ read ‘laid’
1136	4291	15	for ‘evidently,’ read ‘Evidently,’
1136	4294	7	for ‘(Laspeyresia)’ read ‘(*Laspeyresia*)’
1143	4317	2	for ‘**coleoptera**’ read ‘**Coleoptera**’
1148	4335	6	for ‘*Goureau*’ read ‘Goureau’
1149	4340	6	for ‘*sp.*’ read ‘sp.’

Page	*Abstract*	*Line*	
1152	4349	7	for 'as' read 'As'
1166	4396		This abstract should appear under 'Vegetables, legumes and oil-crops'
1171	4411	5	insert 'of' after 'virus'
1180	4439	18	for 'Eurygaster' read '*Eurygaster*'
1181	4443	10	for 'Pieris brassicae' read '*Pieris brassicae*'
1184	4462	9	for 'Hektion (*S*(1,2-diethoxycarbonylethyl) *O,O*-dimethyl phosphorodithioate' read 'malathion (Hektion)'
1192	4493	24	for '*Hebetor*' read '*hebetor*'
1216	4585	12	for '*subsp.*' read 'subsp.'
1253	4721	8	for '*pedalis* Cress,' read '*pedalis* Cress.,'
1253	4721	8	for '*aquilonia* Cress.' read '*aquilonia* Cress.,'
1259	4742	10	for 'Séguy.' read 'Séguy,'
1273	4787	5	for '*Tephritids*' read 'Tephritids'
1278	4801	20	insert ',' after 'overwintering'
1281	4811	7	insert ',' after 'auct.)'
1281	4811	7	for '(*Schiff.*)' read '(Schiff.)'
1291	4842	7	for 'Hypsipyla robusta' read '*Hypsipyla robusta*'
1319	4944	1	insert ';' after 'LEVER, B.G.'
1343	5028	14	insert 'that' before 'had'
1354	5065	5	for 'Schizaphis graminum' read '*Schizaphis graminum*'
1357	5071	19	insert ',' after 'beetle'
1375	5132	7	for 'Lepidosaphes' read '*Lepidosaphes*'
1404	5230	6	insert ',' after '*siricidicola*'

AUTHOR INDEX

Aal, Y. A. I. Abdel- 1135
Aalto, A. 1338
Aarhus, D. G. 1970
Abasa, R. O. 2258, 4584
Abashidze, A. T. 2638, 3723
Abashidze, Ė. D. 2638
Abbasy, A. M. 1495, 3777, 5145
Abbatiello, M. J. 980
Abbruzzese, L. 2186, 2187
Abd El-Hadi, N. H. 2597
Abd Elaal, M. A. 2569, 3492, 3498, 3499, 4117
Abd-Elsalam, A. M. 583, 1107
Abdallah, M. D. 2561, 4495, 4496, 4497, 5250
Abdel-Aal, Y. A. I. 1135
Abdel-Fatah, M. S. 4004
Abdel-Gawaad, A. A. 58, 82, 645, 763, 1370, 1371, 1929, 2835, 4025
Abdel-Kader, M. M. 3996, 3997
Abdel-Rahman, H. A. 1581, 3298, 3996, 3997
Abdel-Razik, M. 1934
Abdel-Salam, A. M. 1131, 1495, 1526, 1924, 2819, 3771, 3774, 3777, 5145
Abdel-Salam, F. A. 644, 646, 3395
Abdel-Shaheed, G. A. 990, 1131, 1924, 2343, 3433, 3774
Abdel-Shaheed, G. H. 3771
Abdel-Wahab, A. I. 1382
Abdel-Wahab, A. M. 647, 877, 2367, 3987
Abdel-Wahab, M. F. 1363
Abdellatif, M. A. 7, 212, 356, 631
Abdelrahman, I. 405, 760, 761
Abdinbekova, A. A. 364
Abdullah, M. 2097, 3528
Abdulmadzhid, A. A. 1916
Abdurakhmanov, G. M. 1376
Abe, K. 1044, 1420, 1421
Abernathy, C. O. 4537
Abeygunawardena, D. V. W. 3165
Abivardi, C. 3986
Abkhazava, I. I. 2601
Abo El-Ghar, M. 2013, 2014, 2833, 2834
Abo El-Ghar, M. R. 1981, 2417, 2418, 2469, 4647, 5240
Abo Elghar, M. R. 644, 646, 1590, 1818, 1930, 2146, 3395, 3421, 3422, 3855, 4605
Abou-Awad, B. A. 558, 1891, 2841, 3724
Abou-Ghadir, M. F. 1685, 3215
Abou-Zeid, E. N. 3502
Aboul-Nasr, A. 28, 36
Abouzeid, N. A. 5202, 5203, 5204
Abraham, C. C. 2849, 3299
Abraham, E. 3776
Abraham, V. A. 543
Abreu, J. M. de 2843
A'Brook, J. 4186, 4187
Abu Salih, H. S. 2811
Abu Yaman, I. K. 505, 506, 1443, 1599
Abul-Nasr, S. 648, 1072, 2295, 2728, 2729, 3238, 3680, 3788, 3804, 4191, 4495, 4496, 4497, 4764, 5061
Abushama, F. T. E. 981
Achan, P. D. 3145
Adachi, H. 2991
Adam, H. 836
Adamović, Ž. 389
Adams, G. L. 3340
Adams, J. R. 30, 2037, 3331
Adams, R. S., Jr 1629
Adams, T. S. 8
Adams, W. B. 1706
Adashkevich, B. P. 3071
Addy, N. D. 4391
Ade, A. D. 3700
Adeesan, C. 896
Adegbola, M. O. K. 4365
Adeli, E. 712, 2870
Adkisson, P. L. 3039, 3389
Adler, V. E. 3418, 4591
Adolph, C. 4857
Advant, N. 3370
Aeschlimann, J. P. 4541
Afifi, F. M. L. 631, 632
Afifi, S. 1658, 1659
Afify, A. M. 259, 540, 1384, 1581
Agacino, E. Morales- 1035, 2984
Agarwal, H. C. 333, 2136, 2545
Agarwal, P. N. 3865
Agarwal, R. K. 1360
Agee, H. R. 33
Agekyan, N. G. 1530
Agpad-Verzola, E. 2354
Agui, N. 326
Aguirre, F. R. V. 2802
Aharonson, N. 4019, 5252
Ahlawat, Y. S. 3810
Ahlstrom, K. R. 3062, 3126
Ahluwalia, P. J. S. 5053
Ahmad, C. R. 4118
Ahmad, F. U. 3930
Ahmad, M. K. 4564, 5136
Ahmad, R. 3058
Ahmad, S. 1293
Ahmed, H. 4006, 4402
Ahmed, K. A. 3697
Ahmed, M. 4049
Ahmed, M. Y. Y. 4601
Ahmed, N. 1643
Ahn, S. H. 779
Ahrens, M. C. 1323
Aĭbasov, Kh. A. 2613
Aizawa, K. 1199
Ajami, A. M. 1653, 3473
Akai, H. 3471
Akanbi, M. O. 3283, 4389, 4842
Akazaki, K. 2073
Akesson, N. 2029
Akey, D. H. 1298
Akhade, M. N. 4346
Akhmedov, R. M. 364
Akhtar, M. 3000, 4680
Akimov, I. A. 977
Akita, Y. 1154
Akre, R. D. 414
Akülke, A. 2409
Al-Rubae, A. 1607
Alam, M. 3754
Alam, M. M. 4247
Alam, M. S. 4118
Alam, M. Z. 3699
Albagoury, M. E. 2784
Albert, P. J. 6
Alberti, B. 403
Alberti Maurici, J. 4774
Albrecht, F. O. 3097
Alegría C., J. R. 4916
Alekhin, V. A. 622
Aleksandrova, I. 660
Alekseenko, F. M. 1220, 2659

Alekseev, Yu. I. 1830, 1831
Alexander, B. R. 2559, 2560
Alexander, M. 3980
Alexopoulu, P. Vassilaina- 933, 5135
Alfaro Moreno, A. 3686, 4745, 4771
Alford, D. V. 4855
Alganatay, M. 4488, 4491, 4492
Ali, A. M. 1135, 3025, 3799, 3995, 4004, 4647, 5240, 5247, 5248, 5250
Ali, E. S. N. M. 4025
Ali, F. A. 870, 4565
Ali, K. A. 2942
Ali Khan, M. 11
Ali, M. 3174
Ali, M. A. M. 1382
Ali, M. B. 654
Ali, M. M. 1098
Alimdzhanov, R. A. 2210, 4784
Alimukhamedov, S. N. 3863
AliNiazee, M. T. 1763, 1896
Allam, H. M. 4397, 5249
Allan, D. J. 4651
Allashukurova, Kh. Yu. 2770
Allégret, P. 2549
Allen, D. C. 683, 3822, 4216
Allen, G. E. 202, 3889, 4694
Allen, W. A. 1838
Alley, E. G. 3977
Alloway, T. M. 3028
Alm, K. 731
Almajano Contreras, A. 3187
Almand, L. K. 2368
Almeida, D. M. de, 3640, 3641
Altahtawy, M. M. 2891
Altay, M. 4459, 4461, 4474
Altinyay, N. 5232
Altwegg, P. 1159
Alvarado Cordobés, M. 1102, 1103, 1104, 1406, 1407
Álvarez, L. 2309
Alves Ramiro, Z. 3811
Alvez Gómez, C. 3685
Alvisi, G. Chiarelli- 1697, 4684
Aly, O. M. 286
Amaral, S. F. do 4018
Amargier, A. 4897
Amarpuri, S. 499, 2808
Ambler, K. D. 3733
Amborski, R. L. 3324
Ambrus, B. 3716
American Chemical Society 279
American Phytopathological Society 1564
Amin, A. 57
Amin, A. H. 584, 1474, 3746, 3752
Amin El Rayah, El 369
Amiressami, M. 2479, 2480
Amman, G. D. 1543
Amoako-Atta, B. 3860
Amos, W. B. 5007
Amsel, A. G. 2511
Amuh, I. K. A. 3860
Anasiewicz, A. 1079
Anderegg, B. N. 4959
Andersen, F. S. 3372
Andersen, S. O. 339, 4203
Anderson, D. J. 3371
Anderson, D. L. 246
Anderson, D. M. 2096
Anderson, J. F. 1839, 1840, 1959
Anderson, M. M. 549
Anderson, W. H. 2096
Andersson, K. 4321
Ando, M. 2487
Ando, S. 1501
Ando, Y. 3487
Andrawes, N. R. 1648
Andres, L. A. 4730
Andrews, G. L. 4424
Andrews, T. L. 1614
Andrianova, N. S. 40
Angeles, N. de J. 2632
Angelini, A. 4655, 4814, 5235, 5236
Angelova, R. 203
Anglade, P. 1042, 4007
Anker, C. A. van den 3614
Ankersmit, G. W. 3014, 3015, 3016
Annecke, D. P. 314, 999, 1027, 4064
Ansari, H. J. 4608
Anthony, K. R. M. 1928
Antongiovanni, E. 2455, 4024
Antonin, P. 2325
Antoniou, A. 3103
Antoszewski, R. 4384
Anwar, M. 5016
Anwar, M. S. 2886
Anwarullah, M. 5208
Anwer, M. 3148
Anya, A. O. 5055
Apablaza H., J. U. 3156
Apetri, V. 130, 131
Applebaum, S. W. 345, 2118, 2119, 5008
Appleby, J. E. 1145
Arakawa, K. Y. 744
Arakelyan, A. O. 2211
Aranda C., B. R. 4151
Araoz, P. 1515
Arapova, L. I. 5005
Arasu, N. T. 3209
Aratake, Y. 738
Arbogast, R. T. 34, 1331, 1758, 3524, 4713
Archer, T. E. 2059
Archer, T. L. 1837, 5065
Arellano, P. G. 2754
Areshnikov, B. A. 4249
Arevad, K 3406
Argauer, R. J. 1623, 4826 4990
Arias, A. 174
Arias Giralda, A. 1094, 3202, 3685, 3725
Arif, B. M. 3875
Arik, Ü. 4451, 4454
Arizono, T. 1044, 1420, 1421
Ark, H. Van 146, 2010
Armanious, N. I. 2921
Armanius, N. E. 4353
Armbrust, E. J. 3666, 3710, 4127
Armenta C., S. 1513
Armstrong, J. W. 2405
Arn, H. 5014
Arnold, A. J. 2205
Arnold, J. W. 2998
Arnott, H. J. 2447
Arora, G. L. 3096
Arora, G. S. 856
Arrand, J. C. 557
Arretz, P. 2456
Arretz V., P. 74
Arroyo, M. 3966, 3967
Arruda, G. P. de 1887
Arruda, H. V. 4018
Arsenescu, M. 693
Arthur, A. P. 1430, 1713
Aryeetey, E. A. 868
Asai, J. 2439
Asal, M. A. 644, 646, 3395
Asanova, R. B. 2623
Ascher, K. R. S. 1759, 2771, 3370, 4155, 4674
Asena, N. 4443
Asensio de la Sierra, E. 3638
Ashby, D. G. 5234
Ashley, T. 1507

Ashley, T. R. 4222, 4708, 4712
Ashlock, P. D. 861
Ashraf, M. 745
Ashrafi, S. H. 3494, 3495, 4951
Ashworth, R. J. 2929
Askari, A. 612
Askew, R. R. 2090, 2523
Aslitürk, H. 4366, 4483
Aspöck, H. 4553
Aspöck, U. 4553
Asquith, D. 566, 1467, 1899, 2932, 2947
Assem, A. M. 2819
Assem, M. A. 1131, 1495, 1526, 1923, 1924, 3231, 3771, 3774, 3777, 3929, 5145
Association of Rice Research Workers 4257
Astiaso, J. F. 680
Astigarraga Valverde, E. 1102
Aston, J. L. 3791
Atak, U. 4444
Atallah, Y. H. 929, 4508
Atanasov, Kh. 725, 1988, 3302
Atanasov, N. 946
Atger, P. 3928
Atkins, E. L. 579
Atkins, M. D. 1694
Atkinson, H. M. 1781
Atmar, J. W. 1280, 1346
Atries, I. E. 1326, 1327
Atta, B. Amoako- 3860
Attawi, F. A. 1607
Attia, A. A. 1893, 1894
Attia, F. I. 4159
Attiah, H. H. 947, 948, 960, 964, 972, 1337
Attri, B. S. 2066
Attwa, W. A. 1581
Atwal, A. S. 132, 3859, 4368, 5079
Atwood, C. E. 3291, 3292
Aubert, J. J. 3190
Aubertin, F. 4813
Auclair, J. L. 370
Aue, W. A. 283
Auer, C. 384, 3354
Auersch, O. 3739
Augustyn, O. P. H. 3465
Aurstad, K. 2872
Austin, M. D. 2772
Autuori, M. 442
Avasthy, P. N. 4094
Avidov, Z. 3745
Avrahami, M. 3706, 4017
Awad, B. A. Abou- 558, 1891, 2841, 3724
Awadallah, A. 1907
Awadallah, A. M. 2787
Awadallah, K. T. 1381, 4013, 4305, 5062
Awadallah, W. H. 2294
Awasthi, B. K. 209, 1127
Axelsson, B. 3539, 4096
Ayad, F. A. 5247, 5248
Ayensu, E. S. 1829
Aykâç, M. K. 4471
Ayllon, R. A. 2488
Ayre, G. L. 443
Ayuzawa, C. 3313
Ayyavoo, R. 2356
Azab, A. K. 5, 211, 418, 1003, 1503, 1806, 1912, 1913, 2787, 4013, 4592, 5202, 5203, 5204
Azaryan, G. Kh. 5019
Aziz, S. A. 1641, 4208
Baba, N. 1344, 2189
Babaguchi, K. 519
Babilas, W. 1253, 3086, 3087, 3090, 3584
Babu, T. H. 4522
Bachelier, J. C. 236
Bachiller, P. 682
Bachmann, F. 3246
Backus, D. A. 2777
Badawi, A. 1136, 1138, 2103, 2365, 2830, 3856
Badawy, A. 992
Badry, E. A. El- 2469
Bagdavadze, A. I. 4300
Baggiolini, M. 2325, 3190
Bagheri-Zenouz, E. 2878
Bagoury, M. E. El- 2782
Baicu, T. 3768
Bailey, J. C. 4339
Bailey, L. 742, 1994
Baines, D. M. 3099
Baĭtenov, M. S. 2620
Bajan, C. 2893, 4430, 4431, 4432
Baker, B. H. 1539, 1549
Baker, C. R. B. 2227
Baker, C. S. Wood- 4733
Baker, G. J. 2484
Baker, G. L. 4144
Baker, J. E. 267, 371, 1702, 3394, 3880
Baker, J. M. 3300
Bakhetia, D. R. C. 4783, 5144
Bąkowski, G. 562
Bakry, N. 643
Bakry, N. M. 2838, 3253, 3796
Bakry, N. M. S. 356
Bakuniak, E. 1246
Balachowsky, A. S. 4559
Balázs, K. 4801
Baldwin, M. K. 272, 3617
Balen, L. van 2806
Balevsky, A. 3188
Baliddawa, C. W. 4756
Balingit, C. G. 524
Balk, W. 1786
Ball, H. J. 1412, 1413
Ball, J. C. 4231
Ballard, R. C. 3062
Baloch, U. K. 4270, 4526, 4761
Balogun, R. A. 4595
Bals, E. J. 1583
Balsbaugh, E. U., Jr. 3670
Baltar, A. F. 2285
Baltazar, E. P. 2360
Baltensweiler, W. 337
Bandal, S. K. 4538
Bandaranayaka, C. M. 3165
Bandyopadhyay, M. K. 4862
Banerjee, S. K. 4320
Bangs, R. T. 1440
Banham, F. L. 4654
Banhawy, E. Z. El- 2945
Baniță, E. 1036, 2282
Banks, W. A. 269, 989, 1802, 5057
Bänsch, R. 2832
Bansode, P. C. 2056
Barabadze, Sh. Sh. 2601
Baran, M. 922
Baranova, A. A. Saakyan- 572, 4700, 4701
Baranovskiĭ, V. I. 1184
Baranowski, R. M. 919
Bărbulescu, A. 131, 141, 1203, 2282, 3703, 4705, 4737
Bardner, R. 1037, 5017, 5034
Bardsley, J. W. 3435
Barel, C. J. A. 1464
Bariola, L. A. 4815
Barjac, H. de 2907, 3901, 5217
Barké, H. E. 4304
Barker, P. S. 2475
Barkin, S. 2954
Barlow, C. E. 70
Barlow, J. S. 4597
Barnes, K. K. 4819
Barnes, M. M. 866
Barona Tascón, M. T. 2009
Baronio, P. 3538
Barr, R. O. 3387
Barras, S. J. 3826, 4594
Barreras, A. B. 2815

Barroga, S. F. 2353, 2807, 2815
Barron, R. P. 1217
Barros, J. Torres 4866
Barry, B. D. 264
Barry, D. 1051
Barry, R. M. 85, 2952
Barson, G. 1167
Bartell, J. A. 249
Bartell, R. J. 338, 1755, 1757, 3004
Bartholomew, G. A. 2581
Bartkowski, J. 3579
Bartlett, B. R. 477, 1523
Barton, J. R. 2495
Baskaran, P. 1976
Bass, M. H. 4794
Bassett, D. 1524
Basson, N. C. J. 534, 765, 775, 1591
Basson, P. A. 1591
Bassurmanova, O. K. 1017
Basto-Lima, F. 2285
Bastourous, M. W. 7
Basu, A. C. 4333
Basu, A. N. 4266
Bateman, M. A. 2456
Bath, J. E. 234, 238, 732, 1754, 2426
Batiashvili, I. D. 2212
Batista, G. C. de 2938
Batiste, W. C. 1468, 1469, 1750
Batra, G. R. 3807
Batra, R. C. 1043, 1121, 3760
Batzer, H. O. 1545
Baud, L. 884
Baumhover, A. H. 3962, 4141, 4656
Baurant, R. 3613
Baust, J. G. 365
Bazzi, B. 2186, 2187, 2188, 2482, 2488
Beal, R. H. 3965, 4410
Beard, R. L. 114
Beardsley, J. W. 3715
Beaton, C. 3546
Beavers, J. B. 3321, 4877
Beccari, F. 3808
Beck, S. D. 1298, 1357, 2112, 2526, 3000, 4711
Beck, W. 2036
Becker, G. 1021, 1860, 2272, 2697, 2698
Becker, H. 1405
Becker, V. O. 3264, 3267
Beckert, R. 2645
Beckham, C. M. 1931
Becton, E. J. 1516
Bedding, R. A. 4379
Bedford, G. O. 2310, 3056
Beegle, C. C. 1489
Beeman, R. W. 2057
Beenakkers, A. M. T. 1696
Beevor, P. S. 2543, 5164
Begum, A. 2886
Behan, M. 355
Behncken, G. M. 4419
Behrendt, K. 824
Beirne, B. P. 2918, 3661
Beitz, H. 2956
Bejer-Petersen, B. 1966, 1967, 3407, 5180
Beland, G. L. 2752
Belcher, K. S. 1335
Belisle, A. A. 2491
Bell, C. H. 3022, 3399
Bell, G. 4648
Bell, M. R. 3322
Bell, R. A. 2012, 4109
Bellet, E. M. 2058
Belli, A. 4450, 4451, 4454
Bellis, E. de 672, 697
Belyaeva, T. G. 1017
Ben-Dov, Y. 4993
Ben-Efraim, S. 3479
Bénassy, C. 1586, 3747
Bénazet, J. 3199
Benchev, I. 3404
Benedek, P. 504, 927, 2650, 3030, 3222
Beneš, K. 1678
Beneš, V. 4978
Benezet, H. J. 3416
Bengston, M. 1984
Benham, G. S., Jr. 3363
Benjamin, B. 3701
Benjamin, D. M. 2375
Benner, J. C., Jr. 1797
Bennett, D. R. 2229
Bennett, L. 2539
Benois, A. 4670
Benoit, P. 3274
Bensch, K. G. 2434
Benschoter, C. A. 3256, 4820
Benskin, J. 2035
Benskin, J. B. 4226
Benson, J. F. 3132
Benson, W. R. 1217
Benson, W. W. 1645
Benz, G. 3455
Beratlief, C. 1330
Beratlief, Z. Pană- 1186
Berezvai, F. 1084
Berg, M. A. 1039
Berg, M. A. Van den 106, 107, 1379
Bergerard, J. 3024
Bergeron, J. M. 3278
Bergmannová, E. 762
Bergoin, M. 3332
Bergström, G. 1374, 2132, 3003
Beri, S. K. 2106, 2522
Berim, N. G. 346, 4104
Berio, E. 5187
Berjon, J. 4007
Berlinger, M. J. 5252
Berlowitz, A. 1468, 1469, 1750
Bernáldez Villar, J. M. 1102, 1103
Bernard, A. 3625
Bernard, F. 98
Bernardi, N. 4062
Bernays, E. A. 2238, 2642, 2643, 2646, 3099
Berndt, K. P. 3110
Bernheimer, A. W. 4886
Beroza, M. 1708, 2044, 2195, 2200, 2497, 2542, 3418, 3566, 3567, 3963, 4510, 4539, 4591
Berre, J. R. le 1333
Berridge, M. J. 3459
Berry, E. C. 3681
Berry, R. E. 3656
Berry, R. W. 4166
Berryman, A. A. 2860, 3908, 4382, 5193
Berwig, W. 710
Besemer, A. F. H. 2062
Beshear, R. J. 3705, 5039
Bess, H. A. 3660
Besson, J. 4983
Best, S. M. 2955
Betbeder-Matibet, M. 1401
Bettany, B. W. 5164
Betz, E. 110
Beynon, K. I. 1630
Bezemer, L. D. 4407
Bezerra de Carvalho, M. 1887
Bhadauria, A. S. 1875, 2727, 3770
Bhalla, J. S. 597
Bhalla, O. P. 3118
Bhamburkar, B. L. 2278
Bhamburkar, M. W. 4252
Bhanot, J. P. 1834
Bhanotar, R. K. 986
Bharadwaj, R. K. 4320
Bhardwaj, A. K. 3118
Bhargava, P. D. 3148
Bhaskaran, S. 2356
Bhat, P. K. 654
Bhatia, D. R. 2236, 2237, 5053
Bhatia, S. C. 2068
Bhatia, S. K. 2056, 4326
Bhatkar, A. P. 445, 1855
Bhatnagar, S. P. 2224, 2339, 3743

Bhattacharya, A. 4217
Bhattacharya, A. K. 1297
Bhola, B. 578
Biase, L. Micieli de 582, 702
Bic, G. 565
Bieber, L. L. 2605
Bielewicz, M. 3047
Bierl, B. A. 1708, 2195, 3418, 3963, 4510, 4591
Biernaux, J. 3608, 3609
Bigelow, R. S. 4215
Bigger, M. 655
Biggerstaff, S. M. 4503
Bignell, D. E. 2647
Biliotti, E. 2021, 2547, 2658
Billings, R. F. 3837
Bills, D. D. 2468
Bílý, S. 393
Binaghi, G. 1531
Bindra, O. S. 597, 637, 4189, 4343, 4783, 4919, 5257
Bingham, R. G. 2161, 4660
Binns, E. S. 486
Biologische Bundesanstalt für Land-und Forstwirtschaft 254, 255
Birch, A. J. 3140, 4237
Birch, L. C. 3859
Birch, M. C. 852, 853, 4837
Bird, F. T. 4574, 4911
Birkardeşler, H. 4467
Biros, F. J. 288
Birová, H. 3131
Birzgale, M. Ya. 1091
Bishara, M. A. 1422, 1423, 1424, 1449, 2294, 2735, 4269, 4748
Bishara, S. I. 4122, 4859
Bishop, J. A. 3376
Bishop, P. M. 1782
Biston, R. 1640
Bitman, J. 4961
Bitran, E. A. 3854
Bjegović, P. 464
Blachère, H. 4895
Black, H. 1510
Black, L. M. 233
Blackman, R. L. 4126
Blagonravova, L. N. 167
Blahutiak, A. 3741
Blair, D. G. R. 329
Blais, J. R. 2401
Blais, N. Trepanier- 4580
Blanc, L. E. Garza 2714
Blanco, N. 201
Bland, R. G. 3627
Blaney, W. M. 2230, 2642
Blankenship, J. W. 2544
Blasco Pascual, J. 3211, 3976, 4311
Blasdale, P. 503
Błaszyk, P. 1213
Blau, S. E. 2051
Blickenstaff, C. C. 3632, 3633, 4683
Blinn, R. C. 285
Bliss M., Jr. 221
Blomquist, G. J. 4204
Blount, V. N. 3519
Blum, A. 1056
Blum, M. S. 2996, 3112
Blumberg, D. 2269, 5070
Blythe, J. L. 2172, 2200
Boatright, R. E. 3369, 3998
Bobb, M. L. 159, 2333
Bobinskaya, S. G. 1404
Bock, K. R. 621, 1122
Boczek, J. 127, 965, 969, 3576
Bode, O. 2346
Bode, W. M. 1467
Bodnaryk, R. P. 914
Bodor, J. 1078, 1092, 3205
Boemare, N. 2431, 4896
Boer, J. A. de 2086
Boer, P. J. den 5027
Bogavac, M. 488
Bogawat, J. K. 2055
Bogdanova, T. P. 5160
Bogenschütz, H. 479
Boguleanu, G. 156
Bogush, P. P. 925
Bogyo, T. P. 3908
Bohlen, E. 1770
Bohm, M. K. 1301
Bohra, O. P. 636
Bojanowska, A. 3570
Boldaruev, V. O. 3281
Boldea, I. 3936
Boldt, P. E. 4223
Boles, H. P. 4956
Boling, J. C. 649, 4232
Bolland, H. R. 362
Boller, E. 1350, 4303
Boller, E. F. 4301
Bolokan, V. I. 3068
Bolton, B. 316, 2507
Bombosch, S. 266, 2866
Bonavita-Cougourdan, A. 2691
Bond, E. J. 754, 781, 1466, 2038, 2039
Bond, H. 2489
Bonderman, D. P. 2048
Bonnefoi, A. 2907, 3901
Bonnemaison, L. 873, 1008, 1288
Bonvicini-Pagliai, A. M. 4070
Boock, O. J. 5152
Boone, R. S. 2423
Booth, G. M. 24, 2485
Borden, J. H. 890, 2462, 3287, 3509, 4069
Boreĭko, T. A. 79
Borg, A. 3964
Bořkovec, A. B. 4607, 4947
Borle, M. N. 2278
Borollosy, F. M. El- 271, 4211, 4397, 5249
Borolossy, F. M. El- 95, 96
Borovnikova, E. Z. 572
Bosatta, E. 4096
Bosch, R. van den 1455, 1507, 1510, 1520, 5166
Boshoff, P. R. 3465
Bossy, A. 3054
Bostanian, N. J. 2985
Boswell, A. L. 3772, 4990
Bottrell, D. G. 650, 1873, 1874, 2368, 3960
Bouchet, J. 3779
Boulbria, A. 3356
Bouletreau, M. 1387, 2203
Boulétreau-Merle, J. 2555
Bounhiol, J. 1723
Bourgeois, A. 2370
Bourke, J. B. 2602
Bourke, T. V. 4144
Bournoville, R. 4763
Bousfield, W. E. 3840
Boush, G. M. 268, 4514, 4890
Bouyjou, B. 4074
Bové, J. M. 3869
Bovey, P. 3350
Bowden, L. B. 1890
Bowman, M. C. 2048
Bozan, İ. 4366, 4483
Brader-Breukel, L. M. 1932, 3508, 4925
Brader, L. 210, 4536, 4922, 5167
Bradley, G. A. 3649
Bradley, J. D. 987, 5078
Bradley, R. H. E. 239, 4869
Bradshaw, J. S. 2495
Brady, J. 3460
Brady, U. E. 407, 1698, 1753, 3525, 4068
Braesch, S. Fuzeau- 1724
Braga, E. R. 2285
Bralavorio, M. 5138

Branch of Plant Protection, Department of Research and Specialist Services, Rhodesia Ministry of Agriculture. 4742
Brand, J. M. 2541, 2996, 3112
Brand, R. J. 1193
Brandenburg, R. K. 2919
Braniger, C. E. 4644
Bransby-Williams, W. R. 2043
Brar, H. S. 4323
Brasier, C. M. 2392
Brattsten, L. B. 2483
Braun, E. A. 1789
Brauns, L. Mellado 3496
Bravo, R. 1928
Braybrook, G. 2208
Breillatt, J. P. 243
Brelje, N. N. 3633
Brenière, J. 1052, 2703
Brett, C. H. 4785
Brett, W. J. 1335
Breugnon, M. M. 874
Breukel, L. M. Brader- 1932, 3508, 4925
Brewer, F. D. 16, 4667
Brewer, J. W. 1958
Brewer, M. 538
Breymeyer, A. 2694
Breznak, J. A. 3669
Brian, M. V. 2677, 2682
Bricio Sanz, M. 3095, 3757
Bridgwater, F 2671
Briggs, J. B. 4921
Bright, D. E., Jr. 2255, 4556
Brill, W. J. 3669
Brindle, A. 2963
Brodskiĭ, K. A. 3530
Bromme, J. R. 4424
Bronswijk, J. E. M. H. van 2515
Broodryk, S. W. 196, 998, 4719
Brooks, G. T. 4519
Brooks, W. M. 3311, 3335, 4894
Broome, J. R. 4880
Brophy, J. J. 1373
Brouwer, W. M. T. J. de 195, 4167
Brower, J. H. 1575, 1598, 1978, 1980, 2080, 2408, 2425, 3012, 3392, 4603, 4604, 4860, 4907, 5210
Brown, B. L. 4943
Brown, C. E. 1969
Brown, F. 3325
Brown, G. A. 4860, 5015
Brown, H. D. 4741
Brown, J. L. 1862
Brown, M. J. 2818, 3983, 4797
Brown, N. R. 2949
Brown, V. K. H. 5259
Brown, W. V. 4237
Browning, T. O. 1817
Bruin, M. Kruk-de 2690
Brun, J. 4163
Brunel, E. 1921, 3610
Brunson, M. H. 5071
Brunt, A. A. 614
Brunt, A. M. 4128, 4169
Brussel, E. W. van 578
Bruyn, G. J. de 2686, 2687, 2690
Bry, R. E. 3369, 3989, 3990, 3992, 3998, 4398, 4956
Bryan, D. E. 3927
Brzheskiĭ, V. V. 4529
Buchanan, G. A. 460
Buckland, C. T. 754
Bues, R. 1141
Bugiani, A. 588
Bukovic, J. A. 3624
Bull, D. L. 1619, 2951, 3923, 3959, 3960, 3961, 4947
Bull, R. M. 5080
Bulla, L. A., Jr. 2898, 3340
Bullock, H. R. 2900
Bullock, R. C. 1475
Bultman, J. D. 4410
Bulyginskaya, M. A. 3805, 4799, 5159
Bunnya, M. N. Simbwa- 1403
Buntenkötter, S. 806
Burbutis, P. P. 3781
Buren, W. F. 2271, 4694
Burger, B. V. 3465
Burger, T. L. 480
Burgerjon, A. 3009, 3903, 5217
Burgess, E. E. 1963
Buriff, C. R. 162, 2332, 3557, 4629, 4658
Burke, H. R. 2151
Burke, J. M. 3875
Burkhardt, C. C. 4055, 4662
Burkhardt, D. 909
Burkholder, W. E. 29, 268, 889, 2498, 4514, 4890
Burks, B. D. 4043, 4060
Burks, M. L. 4082
Burlini, M. 1555
Burnett, P. A. 3152
Burns, D. P. 3831
Burns, D. T. 272
Burns, M. 327
Burns, M. D. 3520
Burov, D. 3204
Burov, V. N. 2916
Burrage, R. H. 1642, 4971
Burse, V. W. 2073
Burton, R. L. 2044, 4090
Burton, V. E. 4334
Burts, E. C. 3597
Busbillo Pardey, A. E. 2781
Buscarlet, L. A. 3054, 3055
Buschinger, A. 1820, 1821, 4691, 4692
Bush, G. L. 1321, 1896, 2162, 2775, 3512
Bushing, R. W. 4334
Bushtets, P. P. 2015
Busschère, P. J. de 3246
Bustillo, A. 1153
Busvine, J. R. 2460
Butani, D. K. 1944, 2369, 3251, 3259, 3785, 4351, 4506
Butler, G. D., Jr. 2110, 2669, 2913, 3138
Butler, K. P. 1482
Butler, L. 22
Butler, P. A. 4975
Butt, B. A. 1639, 2777, 3566, 3915
Büttner, K. 4381
Byers, J. B. 2105
Byers, J. R. 3450
Byers, R. A. 1445
Bykhovets, A. I. 346, 410
Byrne, H. D. 3173, 4626
Caballero G. de Vinuesa, J. I. 3755
Caballero García de Vinuesa, J. I. 1102, 1103, 1104, 1406, 1407
Cabezuelo Pérez, P. 172, 173, 1083, 1090, 1458, 3203, 4775
Caburubias, R. B. 3260
Cadahía, D. 675
Cadatal, T. D. 2440
Cade, S. C. 1961
Cadou, J. 1521, 3243, 3786, 5155
Cagle, A. 1987
Cail, R. S. 3369, 4398
Cairaschi, E. A. 3708, 3740
Calcote, V. R. 1454
Calderón, J. Nieto 1094, 3202, 3725
Calderon, M. 1221, 2465

Caldwell, R. L. 61
Calilung, V. J. 319
Calkins, C. O. 374
Call, F. 5153
Callahan, P. S. 68
Callow, G. 3052
Callow, R. K. 1295
Calnaido, D. 658
Calora, F. B. 2807
Cals-Usciati, J. 2113, 4071
Çalışkaner, S. 4445, 4446
Calvert, D. 871, 1281
Calvert, D. J. 1378
Calvert, I. 897
Calvez, C. 5111
Calvez, J. 4895
Cameron, E. A. 2862, 4666
Cameron, M. D. 4391, 5200
Cameron, P. 4996
Camino Germá, I. 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Cammaerts-Tricot, M. C. 4573
Campan, R. 31
Campbell, A. 2668
Campbell, C. J. 2818, 4797
Campbell, D. 2639
Campbell, K. G. 4378
Campbell, L. M. 3273
Campbell, M. J. 4797
Campbell, M. M. 4779, 4780, 4781
Campbell, R. W. 4878
Campbell, W. V. 726
Campion, D. G. 2197, 4119, 5164
Campos, L. E. 74
Campos S., L. 2254
Canadian Forestry Service 2386
Canale, G. 2482
Cañamás Mendoza, R. 1100
Canard, M. 1356
Canario, M. T., Jr. 2493
Cancelado, R. 4283
Canerday, T. D. 3721, 4791, 4823
Canfield, R. T. 1597
Cangardel, H. 722
Cánovas, I. 941
Cánovas Martínez, I. 3748, 3751, 3753
Cantacuzène, A. M. 1814, 1815
Cantelo, W. W. 4141, 4990
Cantu, E. 771, 5016
Capecki, Z. 685, 2221
Čapek, M. 4180
Caprotti, M. 1741
Carbó Saguer, J. 3095, 3757
Cardé, R. 5014
Cardé, R. T. 1306, 1324, 4659
Cardinal, J. A. 3275
Cardona, I. Zuluaga 180
Cardoso, H. L. 2252
Carefoot, T. H. 2117
Carey, A. E. 4976
Carl, K. P. 3729
Carle, P. 3357
Carles, J. P. 2768
Carlson, E. C. 3242, 3762
Carlson, R. E. 5072
Carlson, S. D. 917
Carlyle, S. L. 3565
Carlysle, T. C. 3565
Carman, G. E. 182, 4624, 4984
Carmi, Y. 1221
Carmona, M. M. 949
Carnio, J. S. 2074
Carolin, V. M., Jr. 3271
Carrillo S., J. L. 2149, 2715, 4250, 4352, 5141
Carroll, C. R. 4696
Carroll, J. F. 2271
Carson, C. A. 3405
Carter, C. I. 1167
Carter, J. B. 4884, 4885
Carter, N. E. 2949
Carter, W. 733, 2228
Carthon, M. 1758, 3524
Carton, Y. 4220
Carty, B. E. 3916
Carvalho, J. P. de 2147, 2500
Carvalho, M. B. de 1887
Carver, M. 2095
Casagrande, R. A. 3933
Casanova, P. 4273
Casey, T. M. 2581
Casida, J. E. 1728, 2047, 3981, 4537, 4538, 4568, 4942
Castagnoli, M. 2844
Castillo, E. 3966, 3967
Castillón, M. P. 4572
Castro, G. D. 2414, 2415, 2718
Castro, P. R. C. 1123
Castro, S. M. 2798
Caswell, G. H. 3848
Catalán, R. E. 4572
Catalpinar, A. 4485
Cate, J. R., Jr. 1873, 1874
Cate, R. H. 1837
Catling, H. D. 179, 1905
Catt, M. J. 3672
Caudwell, A. 236, 237
Cauquil, J. 4417
Causey, K. 4966
Causse, R. 1712, 2550
Caussin, R. 3550
Cavagnol, J. C. 1784
Cavalcante, R. D. 1497
Cavalcaselle, B. 672, 697, 3818
Cavalloro, R. 912, 931, 1195, 1476, 1735, 3493, 3556, 4602
Cavill, G. W. K. 1373
Ceballos, P. 674
Ceballos R., E. 2745
Cecil, H. C. 4961
Ceianu, I. 2222, 4845
Çelik, K. 4476
Çelik, M. Y. 4477, 4482
Čengiz, F. 4473
Cermeli, M. 2806
Cevallos, A. 2711
Chaarawi, A. M. 3862
Chaboussou, F. 2768
Chachoria, H. S. 1065
Chacko, M. J. 2299
Chacón Ortega, A. 1102
Chadwick, L. E. 1695
Chagelishvili, N. D. 4768
Chahal, B. S. 132, 1552, 2407
Chalaye, D. 3635, 3636
Chalfant, R. B. 1487, 4791
Chamberlain, K. B. 3140
Chambers, D. L. 253, 1576, 2141, 2164, 2566, 3419
Chambers, H. 25
Chambon, J. P. 1849
Chan, S. K. 1299
Chancey, E. L. 1648
Chandrika, S. 2944
Chang, F. Y. 1218, 1219
Chang Fa-yan 1218, 1219
Chang, G. S. 2831
Chang, L. C. 2812
Chang, S. C. 2275
Chang, S. L. 608, 1112
Chang, V. C. S. 4735, 4736
Chang, W. Q. 885
Chang, Y. 2453
Chang, Y. D. 5195
ChannaBasavanna, G. P. 950
Chant, D. A. 854, 961
Chanturishvili, P. S. 5178
Chao, R. S. 1143
Chapman, A. J. 2915
Chapman, J. A. 4848

Chapman, R. F. 2230, 2238, 2642, 2643, 2646
Chapman, R. K. 1498, 4804
Chappell, H. G. 3288
Chararas, C. 335, 3276, 3277, 4835
Charles, P. J. 678
Charlín C., R. 2253
Charnetski, W. A. 4020
Charpentier, R. 1793
Charykuliev, D. 996
Chase, A. M. 339
Chatterjee, P. B. 4246
Chatterjee, S. N. 2315
Chatterji, S. M. 4252
Chau, A. S. Y. 281
Chaudhary, J. P. 2302
Chaudhri, W. M. 2979, 2980, 4050, 4551
Chaudhry, M. B. 5226
Chaudhury, M. F. B. 1413
Chauvin, G. 1762, 2557
Chawla, M. L. 2813
Chawla, S. S. 752, 1603, 5193
Chazeau, J. 2159
Cheatham, J. S. 75
Chebanov, G. E. 4799
Check, R. M. 2493
Cheema, M. A. 2863
Cheke, R. A. 4717
Cheleev, D. 2289
Chelliah, S. 1846, 2352
Chen, M. H. 736
Chen, T. M. 2494
Cheng, C. C. 2207
Cheng, H. H. 2374, 3348, 4920
Cheng, H. M. 3981
Chenkina, A. F. 5228
Chenon, R. D. de 2658
Cherepanov, A. I. 3829
Cherepanova, N. E. 3829
Chernyshev, V. B. 925
Cherrett, J. M. 1825
Chevin, H. 1333
Chhabra, K. S. 973
Chiang, H. C. 262, 5072
Chiang, M. S. 2292
Chiarelli-Alvisi, G. 1697, 4684
Chiba, M. 2600, 4005
Childers, A. B. 3405
Chippendale, G. M. 20, 2129, 2559, 2560, 4103, 4515, 5020
Chirinos, P. C. 2028
Chiu, M. D. 525
Chiu, Y. J. 5057
Chiykowski, L. N. 3308
Chkhubianishvili, Ts. A. 3189
Chmielewski, W. 727, 966
Choi, S. S. 265
Choi, S. Y. 12, 81, 778, 1425
Chokouhian, A. 4123
Cholokava, A. O. 5178
Chopra, S. L. 4534
Chou, C. H. 2494
Chou, Y. M. 351
Choudhury, A. K. S. 1804, 4862
Choudhury, M. M. 1562
Chowdhury, M. K. 4217
Christmas, P. E. 2856
Chruścielska, K. 1246
Chu, H. T. 5195
Chu, Y. 4722
Chudnoff, M. 2423
Chung, K. H. 252, 2732
Church, N. S. 372
Chvála, M. 4177
Ciba-Geigy Limited 3790
Ciemniewski, J. 1247
Ciesla, W. M. 3840
Cîndea, E. S. 4001, 4002
Čingovski, J. 4040, 4041
Cinquanta, A. 588
Cirio, U. 1101
Císcar, F. Miralles 1206
Clair, A. D. St 2011
Clairac, A. P. Lamamié de 3279
Claret, J. 2139
Clark, E. W. 1348, 5189
Clark, L. R. 3371
Clark, W. C. 430
Clarke, B. S. 1727
Clarke, K. U. 5262
Clarke, R. G. 238
Claus, G. 3824
Clearwater, J. R. 1296
Cleere, J. S. 1588
Clercq, R. de 3612
Cleveland, M. L. 2666
Cliath, M. M. 1622
Clift, A. E. 4620
Clinch, P. G. 483, 3712, 4650
Cline, L. D. 86
Close, P. G. 3139
Close, R. C. 1568, 3713
Cloudsley-Thompson, J. L. 3628
Clouston, J. G. 2077
Coaker, T. H. 2344
Coats, J. R. 4937
Cochereau, P. 2764, 3652
Cochran, D. G. 3295
Cochrane, W. P. 281
Cock, A. W. A. M. de 2515
Cockbain, A. J. 4864, 4865
Codarcea, A. 918
Coe, E. 3639
Coffelt, J. A. 65, 889, 1794, 2134, 2160, 3011
Cogan, B. H. 3065
Cogburn, R. R. 4603, 5210
Coggshall, J. C. 1749
Cohen, E. 1710
Cojocaru, N. 2820
Coker, R. A. 4053
Cola, L. 2890
Colbrant, P. 3740
Colburn, R. 566, 2932
Colburn, R. B. 1390
Cole, R. A. 2543
Colin, A. S. 1508, 2155
Colín, S. Miranda 4332
Collier, S. J. 4426
Collins, H. L. 1823
Collyer, E. 4056
Colombo, G. 1697
Committee on Common Names of Insects 1656
Common, I. F. B. 3290
Commonwealth Departmen of Health 803
Commonwealth Institute of Entomology 2180, 3544
Compere, H. 2081
Condrashoff, S. F. 2868
Connor, P. J. 3733
Conradi-Larsen, E. M. 3504
Constantinescu, V. 1081
Conti, M. 4418
Contin Marinoni, R. 1277
Contreras, A. Almajano 3187
Conway, G. R. 3379
Cook, A. A. 2791
Cook, E. F. 4557
Cook, R. M. 1322, 2928
Cooke, B. K. 3051
Cooper, C. V. 4939
Cooper, E. 1987
Cooter, R. J. 3626
Copeman, A. G. 3273
Copin, A. 3550
Copland, M. J. W. 324, 4567
Coppedge, J. R. 3923, 3959, 3960, 3961, 4822
Coppel, H. C. 2441, 3449, 3669
Copplestone, J. F. 2934
Corbet, P. S. 3383

Corbet, S. A. 897, 2178, 5012
Corbin, H. B. 3982
Cordobés, M. Alvarado 1102, 1103, 1104, 1406, 1407
Cornelissen, L. J. B. 4167
Cornes, M. A. 3634
Cornford, M. E. 2101
Cornic, J. F. 2163
Cornwell, P. B. 5206
Corpuz-Raros, L. A. 4557
Corrie, J. E. T. 4237
Corrieu, G. 4895
Corrivault, G. W. 1603, 3098
Corseuil, E. 2298
Cortado, R. V. 2354
Cortegano, J. M. López 1104
Cortina, A. Flores 3748
Cortinas, A. Flores 941, 3751, 3753
Cosens, D. 901
Cosens, T. H. 3052
Coshan, P. F. 2523
Costa, A. da S. 1950
Costa, A. S. 1519
Costa, C. L. 1519, 4864
Costa, E. W. B. Da 4407
Coster, J. E. 2383
Cota, P. C. 3387
Côté, W. A., III 683
Cothran, W. R. 4657
Cougourdan, A. Bonavita- 2691
Couilloud, R. 4359, 4360, 4813, 5235, 5236
Coulson, R. N. 1955, 1956, 5185
Courtois, J. E. 335, 3276, 3277
Covarrubias G., R. 4352
Covassi, M. 1144
Cowan, C. B., Jr. 3960, 4816
Cox, M. E. 3324
Coyne, F. P. 4863
Crabtree, R. 4160
Crabtree, R. J. 1648
Craig, C. H. 1782
Craig, D. A. 2208
Cram, W. T. 2766, 3182
Cranford, J. B. 3311
Cranham, J. E. 951, 974, 3191
Creech, J. F. 3910, 4109
Creighton, C. S. 5142, 5143
Cress, C. E. 2584
Critchley, B. R. 1592
Crittenden, C. R. 278, 2065
Croft, B. A. 1389, 1462
Crofts, M. 1225
Croizier, G. 2432
Cromartie, E. 2491
Cromroy, H. L. 17
Crosby, D. G. 2059
Cross, A. J. 4008
Cross, W. H. 2152, 3255
Crosskey, R. W. 2501, 4995
Crossland, J. L. 1190
Crossley, D. A., Jr. 2204, 5185
Crowden, R. K. 1173
Crowe, T. J. 1336
Crowhurst, P. S. 720
Cruickshank, W. J. 1686
Cruz, F. Z. da 2298
Cuellar, C. B. 3905
Cuevas, P. 682
Culbertson, J. K. 2190
Cunningham, J. C. 3318, 3875, 3877, 4911
Cupp, E. W. 1822
Curley, A. 2073
Cutcher, J. 330
Cuthbert, R. B. 5143
Cykowski, R. K. 461
Cymborowski, B. 879, 880, 881, 3104
Czajkowska, B. 967
Czaplicki, E. 1242
Czarnik, W. 1242
Czerniakowski, Z. 1240
Czerwińska, Z. 2693
Da Conceição Rodrigues, M. 3213
Da Costa, E. W. B. 4407
Da Cruz, F. Z. 2298
Da Fonseca, J. P. 308, 586
Da Rocha, M. A. L. 661
Da Silva Costa, A. 1950
Da Silva, I. 1277
Dąbrowski, Z. T. 91, 659, 952, 3576
Daele, E. van 1147
Daeschner, M. 4360
Dafauce, C. 666
Daftari, K. 4292
Dahl, B. M. 4849
Dahl, M. L. 3474
Dahl, R. 400
Dahle, H. K. 2872
Dahlman, D. L. 2168, 2169, 3480
Dahlsten, D. L. 4231
Dahms, R. G. 1054
Daiber, C. C. 541, 600, 601, 1479, 1911
Dalvi, R. R. 2069
Damodaran, V. K. 1888
Daneau, J. 1922
Daniel, M. 943
Daniels, N. E. 508, 1428
Danielson, D. 3227
Danthanarayana, W. 2846, 4367, 5174
Dantsig, E. M. 298, 2628, 4373
D'Arcier, F. 2317
Daricheva, M. A. 664
Das, G. G. 619
Das, N. M. 2942, 3168
D'Ascoli, A. 1660
Daterman, D. E. 3271
Daterman, G. E. 2011
Datta, B. 1529
Daughtery, D. M., Jr. 2673
Daum, R. J. 4683
Daumal, J. 4163
Davey, K. G. 3362
Davich, T. B. 1506
David, B. V. 4358
David, H. 4086
David, J. 2116, 2556
David, W. A. L. 741, 2433, 3894
David, Z. 155
Davídek, J. 1223
Davidson, J. A. 714
Davis, B. N. K. 4533
Davis, D. G. 4658
Davis, D. R. 5044
Davis, F. M. 1876, 2192, 2724
Davis, G. R. F. 2123
Davis, H. G. 4649
Davis, J. W. 4816
Davis, R. 2265, 4304, 5015
Davis, R. A. 272
Davis, R. E. 514
Davison, K. L. 1230
Davoudi, Z. 1174
Dawson, L. H. 477
Dawson, P. S. 1764
Day, K. R. 337
De Abreu, J. M. 2843
De Almeida, D. M. 3640, 3641
De Arruda, G. P. 1887
De Barjac, H. 2907, 3901, 5217
De Batista, G. C. 2938
De Bellis, E. 672, 697
De Biase, L. Micieli 582, 702
De Boer, J. A. 2086
De Brouwer, W. M. T. J. 195, 4167

De Bruin, M. Kruk- 2690
De Bruyn, G. J. 2686, 2687, 2690
De Busschère, P. J. 3246
De Carvalho, J. P. 2147, 2500
De Carvalho, M. B. 1887
De Chenon, R. D. 2658
De Clairac, A. P. L. 3279
De Clercq, R. 3612
De Cock, A. W. A. M. 2515
De Jong, B. J. 4084
De Jong, D. J. 3014
De Klerk, C. A. 153
De la Oliva, F. Limón 3211, 3976, 4311
De la Sierra, E. Asensio 3638
De Lajonquière, Y. 3440, 4054
De Lima, J. O. G. 2415
De Lotto, G. 305, 318, 860
De Luca, V. 1367
De Luca, Y. 2181, 2262, 3293, 3294
De Magalhães Silva, G. 4161
De Marshall, A. 1515
De Martínez, N. B. 2632
De Meirleire, H. 599, 3778, 4772
De Menezes, M. 4694
De Munk, W. J. 3307
De Nemirovsky, N. V. 2741
De Oliveira Freitas, A. 1887
De Oliveira Nunes, W. 3240
De Pereira, N. P. 982
De Reggi, L. M. 876, 4099
De Santis, L. 1032
De Villiers, E. A. 4777
De Vinuesa, J. I. Caballero G. 3755
De Vinuesa, J. I. Caballero García 1102, 1103, 1104, 1406, 1407
De Wijs, J. J. 2429
De Wilde, J. 1715
De Zoeten, G. A. 331
De Zolessi, L. C. 99
Deal, S. L. 3114
Dean, F. 1639
Dean, G. J. 2174, 2287, 3133, 3677
Dean, G. J. W. 432, 492, 500, 1038, 1040
Dean, H. A. 215
Deang, R. T. 3260
DeBach, P. 1391, 1584, 2140
DeBarr, G. L. 691, 2390
DeBoo, R. F. 3273
Decelle, J. 451
Decku, V. 2222
Dedordy, J. R. 2632
Deeb, A. A. El- 4353
Deeming, J. C. 1047
DeFeo, J. J. 2489
Defrawi, M. E. El- 5247, 5248
Degtyareva, A. S. 166
Dekle, G. W. 2590, 3812, 4147
Del Rivero, J. M. 190, 4308
Del Valle y March, R. G. 2826
Delattre, J. 4743
Delattre, P. 2657
Delattre, R. 2371
Delcour, E. 892, 1196, 1747
Delegación de Sanidad Vegetal, Zona Sur, Edo. Sonora 2023
Délégation Générale à la Recherche Scientifique et Technique 3349
Delfinado, M. D. 90
Delgado Martín, J. 1406, 1407
Della Giustina, W. 1766, 3935
Delobel, A. 678
Delpech, M. 5046
Delrio, G. 912, 1195, 4602
Delvi, M. R. 910
Dely-Draskovits, Á. 5074
Demba, W. M. 2375
Demetrashvili, M. I. 5117
Demolin, G. 668, 3351
Den Boer, P. J. 5027
Denell, R. E. 2138
Denlinger, D. L. 3016
Denmark, H. A. 445, 1855, 2094, 2271, 2589, 4147, 4148
Denner, M. W. 2233, 2234
Deore, B. P. 4274
Derksen-Koppers, I. 5261
Derwesh, A. I. 991
Deryabin, V. I. 4509
Desai, A. K. 360, 3023
Deseő, K. V. 1903, 3194, 3195, 3472
Deshmukh, S. N. 597, 5257
Deshpande, R. R. 620, 2281
Desmier de Chenon, R. 2658
Dessouki, S. A. El- 1915
DeSwarte, D. H. 3670
Dethier, V. G. 2530, 3516
Devine, J. M. 3547
Devonshire, A. L. 2461
Dewan, R. S. 2808
DeWitt, P. R. 480
DeWolf, R. B. 2491
Dexel, T. D. 3897
Dhaliwal, G. S. 3859
Dhaliwal, P. 3096
Dhamdhere, S. V. 1841, 2316, 3235, 3695
Dhanvantari, B. N. 3206
Dharmadhikari, P. R. 3122, 3124, 3145
D'Herde, C. J. 3612
Dhingra, S. 4368
Dhooria, M. S. 2788, 4527, 5146
Diago, R. Tello 2009
Diakonoff, A. 1671
Díaz, A. J. 1565
Díaz Mellado, A. 3755
Dibley, G. C. 3063
Dickens, J. C. 1275
Dicker, G. H. L. 5115
Dicker, N. A. 2525
Dickerson, W. A. 4223
Dickerson, W. A., Jr. 3962
Dickler, E. 1459, 1460, 1470
Dickmann, L. C. 3908
Dieckmann, L. 857, 865
Diehl, P. A. 2121
Diekman, J. 2873
Dieleman, J. 3491
Diercks, R. 1212, 5077
Dillier, J. H. 1823
Dimetry, N. Z. 510, 638, 1375, 1491, 1492, 1493, 2829, 3228, 4345
Dine, A. M. N. El- 2847
Dingle, H. 61
Dinther, J. B. M. van 3615
Dinu, M. 130
Dirimanov, M. 3717
Dirlbek, J. 4184
Dirlbeková, O. 4184
Divakar, B. J. 4685
Dix, M. E. 4710
Dixon, A. F. G. 366, 2350, 2351, 5052
Dixon, G. M. 4917
Dlabola, J. 392
Dlussky, G. M. 2685
Do Amaral, S. F. 4018

Doane, C. C. 1306, 1324, 1538, 1898
Doane, J. F. 3662
Dobias, J. 4244
Dobie, P. 2879
Dobroserdov, S. G. 4769
Dobrovolszky, A. 2041
Dodgshun, T. J. 1801
Dodo, H. 3811
Doğan, N. 4458
Doggett, H. 1057
Dolgin, M. M. 3545, 3663
Dolin, V. G. 3072
Dolinski, M. G. 64
Dollar, A. M. 1576
Dollar, D. A. 3977
Dolphin, R. E. 2666, 4629
Domiati, N. El- 1700, 3468
Domínguez, A. Domínguez 1406, 1407
Domínguez Domínguez, A. 1406, 1407
Dominik, J. 4162, 4406
Don, H. 3709
Donahay, E. 3560
Donaldson, J. M. I. 93, 435
Donaubauer, E. 4846, 4847
Donia, A. 3178, 3179
Donia, A. R. 3215
Donida, A. R. 1685
Doom, D. 698
Dorochova, G. I. 4046
Dorough, H. W. 273, 1448, 2052, 2950, 4967
Dorry, H. F. A. El- 4327
Dörtbudak, N. 2409
Dos Passos, C. F. 4638
Doskočil, J. 4177
Dosse, G. 1776
Dourojeanni, M. J. 2857
Doutt, R. L. 113
Dowden, P. B. 4714
Dowson R. J. 2235
Drăcea, I. 3936
Dräger, G. 5260
Drăghia, I. 4833
Draskovits, Á. Dely- 5074
Driggers, D. P. 1146, 2249
Drooz, A. T. 5066
Drozdovskaya, L. S. 2702
Drummond, P. C. 65, 2160
Druzhelyubova, T. S. 5162, 5163
D'Souza, G. I. 653, 654
Du Merle, P. 670, 1162, 2100, 3352, 5046
Du, S. L. 2831
Dubniak, H. 3581, 3582
Dubnik, H. 1238
Duckworth, D. 1829
Ducoff, H. S. 1190
Dudeck, A. E. 4759
Duffield, R. M. 3112
Dugdale, J. S. 4543
Dulmage, H. T. 1191
Dumas, T. 1466
Dunbar, D. M. 1538, 1898
Dunez, J. 734
Dunn, J. A. 3937
Dupree, M. 481, 4328
Dupuis, G. 4009
Durán Grande, M. 2842
Duran, M. 4440
Durán M. , L. 2800
Durand, Y. 1333
Durant, C. J. 1650
Durant, J. A. 4746
Durbešić, P. 228, 4935
Durden, J. A., Jr. 270
Dusaussoy, G. 681
Duthoit, J. L. 3902, 4897
Dutky, S. R. 4102
Dutt, N. 2143
Duviard, D. 2373
Duvlea, I. 193
Duyn, J. Van 177
Düzgüneş, Z. 953
Dyadechko, N. P. 1410
Dyck, J. 3406
Dyck, V. A 1872
Dyer, E. D. A. 2859, 4848
Dysart, R. J. 5071
Dyte, C. E. 3391
Dzhamalov, G. I. 4403
Dzhambazishvili, Ya. S. 2967, 5178
Dzhashi, V. S. 1142
Eady, R. D. 5001
Earl, J. W. 1229
Earle, N. W. 4665
Early, M. P. 1403
Eassa, Y. E. E. 1700, 3468
Easterbrook, M. A. 5115
Eastop, V. F. 423
Eaton, J. L. 1275, 1756, 2520
Ebel, B. H. 2390, 3835, 4843
Eberle, D. 1237
Ebert, W. 821
Eckenrode, C. J. 1498, 3227
Eckloff, W. 3821
Economopoulos, P. 5134
Edenfield, J. E. 4907
Edge, V. E. 4782
Edmunds, G. F., Jr. 3820
Edwards, B. A. B. 4532
Edwards, C. A. 1609, 3413, 4268, 4974
Edwards, D. K. 1787
Edwards, G. W. 3562
Edwards, R. R. 4964
Efraim, S. Ben- 3479
Egawa, K. 2005, 3882
Egger, A. 5188
Eggers, S. H. 4202
Eghtedar, E. 1502
Eglinton, G. 3417
Egorova, L. E. 1070
Egry, I. J. 1217, 3985
Eguagie, W. E. 1224, 3693, 5171
Ehle, H. 1612
Ehler, L. E. 1520, 1865, 5166
Eichhorn, O. 444, 837, 2871
Eichler, W. 3637
Eid, G. H. 1526
Eidt, D. C. 4391, 4853, 5200
Eikenbary, R. D. 1837, 2671, 2769, 5065
Eisa, M. A. 1517, 1518, 1933, 3245
Eisenberg, W. V. 3624
Eisentraut, A. 829
Eisikowitch, D. 2649
Eisner, T. 3546
El Amin El Rayah 369
El-Badry, E. A. 2469
El-Bagoury, M. E. 2782
El-Banhawy, E. Z. 2945
El-Borollosy, F. M. 271, 4211, 4397, 5249
El-Borolossy, F. M. 95, 96
El-Deeb, A. A. 4353
El-Defrawi, M. E. 5247, 5248
El-Dessouki, S. A. 1915
El-Dine, A. M. N. 2847
El-Domiati, N. 1700, 3468
El-Dorry, H. F. A. 4327
El-Gayar, F. H. 645, 763, 988, 1272, 3445, 3767
El-Gayer, F. H. 1929
El-Ghar, M. A. 2013, 2014, 2833, 2834
El-Ghar, M. R. A. 1981, 2417, 2418, 2469, 4647, 5240
El-Gogary, S. 4004
El-Guiddawy, M. M. 1363
El-Hadi, N. H. A. 2597
El-Haidari, H. 991
El-Halfawy, M. A. 4122, 4401, 4404, 4592, 4859
El-Hefny, A. M. 4211
El-Helaly, M. S. 988, 1272, 3445, 3767

El-Husseini, M. M. 3513, 3648, 5061
El-Ibrashy, M. T. 28, 36, 3502
El-Kady, E. A. 311, 1893, 1894, 3037, 3802, 3803
El-Khateeb, A. A. 5165
El-Kifl, A. H. 1382, 3303, 4095, 4121, 4129, 5106
El-Minshawy, A. M. 583, 1107, 1385, 1495, 1790, 3178, 3179, 4014
El-Mirsawi, D. H. 1806
El-Mirsawi, H. D. 5, 418, 1003
El-Naby, A. A. 1744, 1768, 3469, 4810
El-Naggar, M. Z. 1864, 3151
El-Nahal, A. K. M. 271, 1422, 1423, 1424, 1449, 1912, 1913, 1923, 2735, 2787, 3231, 3929, 4269, 4401, 4592, 4748
El-Nahhas, M. 3777
El-Rafie, M. S. 1981, 2417, 2418, 2953, 3855, 4026, 4027
El Rayah, El Amin 369
El-Saadany, G. B. 3752
El-Said, L. 1314
El-Sawaf, S. K. 990, 1685, 2343, 2705, 3178, 3179, 3215, 3433
El-Sayed, M. M. 1934, 4327
El-Sebae, A. H. 1071, 1135, 3248, 3250, 3253, 3763, 3764, 3798, 4140, 4348, 4810
El-Sebae, A. M. 4331
El-Shazli, A. Y. 988, 1137, 1272, 1370, 1371, 3445, 3767
El-Shazly, N. Z. 1751, 3511
El-Sherif, A. 3238
El-Sherif, L. S. 261, 4146
El-Sherif, S. I. 129, 631, 632, 648, 1072, 1132, 2705, 3682, 3804, 4764
El Tahir, E. T. 4671
El-Tantawy, A. M. 2295, 2728, 2729
El Tawab, A. 92
El-Ziady, S. 1375, 1491, 1492, 1493
Elaal, M. A. 3498, 3499
Elaal, M. A. A. 2569, 3492, 4117
Elbadry, E. 848
Elbadry, E. A. 644, 646, 1590, 1818, 1930, 2146, 2569, 3395, 3421, 3422, 3492, 3498, 3499, 3839, 4117, 4605
Eldefrawi, M. 643
Eldefrawi, M. E. 3796
Elder, R. J. 2827
Elderfrawi, M. E. 2838
Eldridge, J. M. 1649
Eldumiati, I. I. 247
Elgar, K. E. 289, 3300
Elghar, M. R. A. 644, 646, 1590, 1818, 1930, 2146, 3395, 3421, 3422, 3855, 4605
Elhag, E. A. G. 981
Eliot, J. N. 1677
Elkins, E. R. 1613
Ellaby, S. 741, 2433, 3894
Ellington, J. J. 1280, 1346
Elliott, M. 2047, 5242
Elliott, W. M. 3206
Ellis, C. R. 1447
Elmosa, H. M. 1086, 1607
Elnaby, A. A. 2837
Elnaggar, M. Z. 3675
Eloja, A. L. 1945
Elsalam, A. M. Abd- 583, 1107
Elsey, K. D. 4711
Elshafie, M. 4159
Elton, C. S. 532
Elzghari, M. 2609
Emden, H. F. van 425, 3602
Emden, H. van 3451
Emets, V. M. 3066
Emică-Moisescu, D. 5233
Emson, H. E. 329
Enari, L. 4197, 4729, 5049
Encarnacion, D. T. 4350
Enda, N. 1971
Endrödy-Younga, S. 4361
Ennik, F. 3925
Ensor, P. D. J. 2049
Entomological Society of British Columbia. 2968
Entomological Society of Canada 2968
Entomological Society of New Zealand 3970
Entomology Branch, New South Wales Department of Agriculture 3237, 4192, 4193, 4302, 4325, 4693
Entomology Division, Tasmanian Department of Agriculture 1805, 1826, 1878, 1925, 2637
Entwistle, P. F. 651
Epps, W. M. 154
Erakay, S. 4490, 4494
Ercegovich, C. D. 290, 1624, 2947, 2948
Ercelik, T. M. 8
Erdélyi, C. 3030
Erden, F. 4462
Erdman, H. E. 1577
Ėrgashev, N. 41
Ergüder, T. M. 4471
Ergul, C. 2409
Ermakov, A. V. 535
Ermolenko, V. M. 2213, 3073
Eronç, H. H. 4462
Ersoy, G. 4521
Ertle, L. R. 2263
Ertuğrul, G. 2954
Esaac, E. G. 4004
Esbjerg, P. 1165, 1965
Esenther, G. R. 3965
Esguerra, N. M. 524, 2807
Esmaili, M. 1892
Espinosa, M. 1681
Espinosa, P. 1514
Esquiliano, E. 497
Essary, E. O. 2046
Esser, H. O. 4009
Esteruelas, P. Hernández 172, 173, 1083, 1090, 3686, 4775
Estrada, J. 1511
Étienne, J. 4664, 4668, 5187, 5231
Eto, M. 3401, 4530
Eto, R. 1044
Eubank, W. P. 1280
Euverte, G. 1586
Evans, D. 1947
Evans, D. E. 1030, 4825
Evans, H. C. 3289, 3870
Evans, K. H. 4400
Evans, R. T. 1784
Evaristo, F. Neves 4817
Eveleens, K. G. 1520, 5166
Evenhuis, H. H. 456, 5124
Everaarts, J. M. 4536
Evert, R. F. 4020
Eves, J. D. 1881
Ewen, A. B. 329
Eyles, A. C. 4552
Ezzat, Y. M. 4063
Fabbrini, R. 2188
Fabre, A. P. 3356
Fábregas Solé, C. 3095
Fabritius, K. 1006, 1783, 1792
Fadeev, Yu. N. 766
Fahmy, H. S. M. 3238, 3978, 4013

Fahmy, M. F. 1135
Fairchild, M. L. 513, 4662
Fakulteit van de Landbouwwetenschappen Gent 3603
Falcon, L. A. 4362
Fales, H. M. 3112
Falisse, C. 2857
Fam Bin' Kuen 49
Fam, E. Z. 2416, 3297
Fan, S. H. 1011
Fankhänel, H. 813
Farag, F. A. 3
Farahbakhch, G. 4292
Farbwerke Hoechst Ag. 1239
Fargerlund, J. 3060, 4624, 5042
Farghaly, H. T. 1384
Fargues, J. 2902
Farivar-Mahin, G. 4292
Farkas, S. R. 4134
Farnham, A. W. 5242
Farrar, M. D. 2298
Farrell, J. A. K. 1441, 2748
Farrier, M. H. 716
Farrow, R. P. 1613
Fast, P. G. 2906, 3050
Fatah, M. S. Abdel- 4004
Fatzinger, C. W. 3036
Faulkner, P. 1181
Faust, R. M. 770
Faust, S. D. 286
Favela, A. 2763
Fay, A. Le 3276, 3277
Fay, R. R. 1651
Feakin, S. D. 4341
Fedde, G. F. 1957, 4376, 5066
Federal Agency for Economic Cooperation 1770
Fedorinčik, N. S. 845
Fedoseeva, L. I. 2512
Feijen, H. R. 2686
Feilberg, L. 1965
Feiner, D. 4979
Feir, D. 3590
Felecan, V. 1128
Felici, G. 4286
Fellin, D. G. 1972
Felsted, R. L. 4571
Feltwell, J. S. E. 347
Feltz, H. R. 2190
Feng, W. C. 5195
Fenili, G. A. 2786
Fennah, R. G. 4555
Fenner, T. L. 4144
Ferino, M. P. 523
Ferkovich, S. M. 38, 1778
Fernández, C. Verniere 3211, 3976, 4311
Fernández, F. Fernández 1104
Fernández Fernández, F. 1104
Fernández, M. Sampayo 1458, 3727
Fernández Peña, J. M. 3756
Fernández Sánchez de la Nieta, J. I. 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Fernández Sánchez de la Nieta, J. M. 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Fernando, H. E. 4755
Fernando, S. N. 4367
Ferrão, A. P. da F. 2252
Ferrari, R. 1022
Ferrati, U. 588
Ferree, R. J. 154
Ferrero, F. 4287
Ferrière, C. 1256
Ferro, D. N. 2776
Ferron, P. 2430, 2435, 3886, 4895
Ferry, D. G. 1637
Feshchin, D. M. 4249
Fésüs, I. 3030
Field, W. D. 4638
Fields, G. J. 2667, 3661
Filho, A. F. Mendonça 1033
Filip'ev, I. N. 2624
Filippenkova, V. V. 3828
Fimiani, P. 1396
Finch, S. 605, 3223, 4131
Findlay, J. B. R. 275, 776
Finlayson, D. G. 2818, 3983, 4797
Finnegan, R. J. 104
Finnigan, B. 2122
Finnigan, B. F. 3527
Fiori, B. J. 1796
Firsov, I. G. 42
Fischer, M. 1262, 1662, 1666, 2084, 2514
Fisechko, R. N. 5177
Fishbein, L. 1231
Fisher, P. D. 2919
Fisher, R. W. 2478, 2600, 4005
Fitzgerald, T. D. 1161, 2011
Flachs, G. M. 1346
Flaherty, B. R. 34, 357, 1331, 2524, 4713, 4936, 5022
Flanders, S. E. 3653
Flechtmann, C. H. W. 862, 4151
Fleming, W. E. 1596
Fletcher, B. S. 2995, 3032, 4606, 4988
Fletcher, K. E. 1037, 5017, 5034
Fletcher, L. W. 3895
Fleuriet, A. 3320
Flint, H. M. 4607, 4815
Flint, P. W. H. 4234
Flores Cortina, A. 3748
Flores Cortinas, A. 941, 3751, 3753
Flores F., J. 2746
Flores, J. D. 2414
Flores, J. P. D. 2412
Flores, R. 2022
Flores, R. F. 2797, 2798, 2802, 2803
Flower, N. E. 4072
Fluker, S. S. 5129
Fockler, C. E. 890, 3509
Fogh, T. Weis- 2578
Foglietti, M. J. 335
Foley, A. J. 3971
Folwaczny, B. 1257
Fong, L. K. 1173
Fonseca, J. P. da 308, 586
Food and Agriculture Organization 320, 441, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 1254, 2076, 2228, 4361, 4511, 4512, 4513, 5189
Food and Agriculture Organization, International Atomic Energy Agency 3904
Food and Agriculture Organization Working Party of Experts on the Official Control of Pesticides:Section B . 786
Foote, B. A. 4230
Foott, W. H. 128
Forbes, A. R. 1273, 2521, 3424, 3425
Forbes, R. S. 5196
Ford, J. B. 2268
Ford, R. L. E. 4196
Forest Insect and Disease Survey 2386
Forgash, A. J. 1293, 1597
Forrest, J. M. S. 2350, 2351

Forster, I. W. 3712
Forster, R. 3391
Forsyth, D. J. 4980
Forsythe, H. Y., Jr. 1465
Forte, P. N. 1858
Forteath, G. N. R. 3665, 4734
Fos, A. 2767
Fossel, A. 718
Foster, G. G. 4909
Foster, J. E. 257
Foster, L. J. 3809
Fouda, H. G. 3978
Fournier, J. 4364
Fowler, D. P. 694
Fowler, M. 2006, 3878, 4883
Fox, C. J. S. 1482, 1879, 2306
Franco do Amaral, S. 4018
Franco Garreta, I. 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Francoeur, A. 2506
Frank. P. W. 902
Frank, R. 2345, 2477
Frankenhuyzen, A. van 1025, 2277, 2313, 2330, 2331, 2387, 3671, 3738
Franklin, R. T. 4710
Franz, J. M. 1006, 1215, 1783, 4929
Franz, W. 145
Frazer, B. D. 1455, 2606, 3424, 3425
Freeling, R. 247
Freeman, J. A. 2880
Freeman, K. C. 1876
Frehse, H. 4940
Freitas, A. de O. 1887
French, J. 4275
French, J. R. J. 2992
French, J. V. 234, 2426
French, N. 2280, 2376, 2848, 4954
French, R. A. 3033, 3554, 4171
Freriks, J. M. 2277, 2313, 2330, 2331, 2387, 3671, 3738
Fresneau, M. 2158
Frey, W. 1679
Frezzi, M. J. 1198
Frick, J. H. 1777, 4090
Frick, K. E. 489, 1400, 4730
Friend, D. 5172
Frinking, H. D. 1936, 1937
Frissel, M. J. 3907, 3912
Fritzsche, R. 3934
Froggart, W. W. 4288
Frommer, R. L. 1
Frost, S. W. 5051
F"rtunov, Kh. 3153
Fry, P. R. 1568
Fryer, G. R. 1796
Fuhremann, T. W. 1627, 2054, 4023
Führer, E. 1537, 2664, 3464, 4383, 4699
Fuhriman, D. K. 2495
Fujii, J. K. 1349
Fujiie, A. 408
Fujimoto, M. S. 2566
Fujiyoshi, N. 1417, 1418, 1868, 1869
Fukamachi, S. 757, 767
Fukaya, M. 326
Fukuto, T. R. 2058, 2474
Fullerton, D. G. 4819
Fursova, M. F. 1110
Furuichi, Y. 4898
Furuta, K. 3535
Fusco, R. A. 4221
Fuwa, M. 3518
Fuzeau-Braesch, S. 1724
Fye, R. E. 3042, 3927
Fytizas, E. 1278, 1283, 2337, 2463, 2527, 4614, 5009
Gabica, J. 1645
Gabriel, B. P. 2440
Gage, S. H. 3387
Gagné, R. J. 1676
Gagnepain, C. 5023
Gaines, T. P. 1487
Galal, A. 641
Gałecka, B. 2175
Galetenko, S. M. 1085
Galford, J. R. 1169
Galichet, P. F. 2284, 3064
Galil, J. 2649
Galley, D. J. 4130
Gallun, R. L. 257, 1740
Galluzzi, G. 2186, 2187, 2488
Galvão, J. D. 1109
Gambaro, P. I. 1074
Gambrill, R. G. 5115
Gameel, O. I. 939
Gámez, R. 511
Gamez, R. 1566
Ganesalingam, V. K. 1274
Gangrade, G. A. 2142, 2228, 4338, 4795
Gangwere, S. K. 2984
Gaplevskaya, L. N. 5158
Gar, K. A. 5244
Gara, R. I. 3265, 3837
García, C. Martínez 3279
García de Vinuesa, J. I. Caballero 1102, 1103, 1104, 1406, 1407
Garcia E., R. 2763
García, J. Gimeno 172, 1083
Garcia, R. D. 2018
García, S. D. 2797
Gargav, V. P. 3169, 3700
Garreta, I. Franco 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Garrett, R. G. 1994
Garrido, M. G. 2030
Gärtel, W. 1885
Gartner, L. P. 3343
Gary, N. E. 414
Garza Blanc, L. E. 2714
Garza Moyeda, U. J. 2761
Gaskin, D. E. 3442
Gaspar, C. 2692
Gaston, L. K. 341
Gat, Y. 5252
Gatignol, J. 565
Gauss, R. 2867
Gauthier, N. L. 3227
Gavarra, M. R. 1945
Gavrilova, G. V. 166
Gawaad, A. A. 4014
Gawaad, A. A. A. 1137, 1202, 2366
Gawaad, A. A. Abdel- 58, 82, 645, 763, 1370, 1371, 1929, 2835, 4025
Gay, F. J. 4407
Gayar, F. H. El- 645, 988, 1272, 1929, 3445, 3767
Ge, J. Y. 2831
Geering-Sacher, K. 1292
Geertsema, H. 3465
Geest, L. P. S. van der 1461, 2001
Gegechkori, A. M. 2502, 2966, 3429
Geier, P. W. 3371
Geigenmüller, M. 205
Geĭspits, K. F. 380
Gemrich, E. G., II 3398
Genkova, M. T. 3204
Gentry, C. R. 1454, 1890, 2200, 2542, 3466, 3562, 3962, 5044
Genty, P. 4285
Genung, W. G. 1041, 1352, 4707
Geoffrion, R. 5229
George, C. R. 241, 1192
Georgevits, R. P. 4851
Georghiou, G. P. 904
Gerasimova, A. V. 1914

Gerasimovich, M. M. 561, 3944
Gerber, G. H. 372, 2576
Gerbinot, B. 3356
Geri, C. 681
Géri, C. 3353
Gerini, V. 3117, 3808
Gerling, D. 4716
Germá, I. Camino 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Gernert, I. L. 4017
Gerraty, N. L. 2077
Gerson, U. 975, 2002, 2334, 2571
Gesswagner, D. 2036
Getz, M. E. 287
Getzendaner, M. E. 3982
Getzin, L. W. 629
Ghadir, M. F. Abou- 1685, 3215
Ghaffar, F. A. A. 4243
Ghai, S. 5010
Ghani, M. A. 2674, 2863, 3058, 3180, 3181, 3817
Ghar, M. A. El- 2013, 2014, 2833, 2834
Ghar, M. R. A. El- 1981, 2417, 2418, 2469, 4647, 5240
Gharib, A. 5113
Ghauri, M. S. K. 2091, 2736
Ghose, S. K. 5154
Ghosh, S. N. 4808
Giam, C. S. 2492
Giannakakis, A. 2995, 4606
Giannotti, J. 237, 3902
Gibanov, P. K. 5123
Gibbs, A. J. 1994, 4865
Gibbs, J. N. 2392
Gibson, J. R. 4967
Gibson, L. P. 3842
Gibson, R. W. 4800
Giese, R. L. 1150
Gieselmann, M. J. 4212
Gilbert, L. I. 2118, 2997
Gill, R. 4909
Gill, R. W. 4818
Gillard, A. 2348, 3611
Gillenwater, H. B. 4939
Gillespie, W. H. 4830
Gillett, S. D. 4207
Gilliam, M. 3883
Gilliland, F. R., Jr. 1505, 1739
Gilman, A. 4963
Gilmore, S. K. 4726
Gilmour, D. 352
Gimeno García, J. 172, 1083
Giralda, A. Arias 1094, 3202, 3685, 3725
Girardie, A. 1725
Giray, H. 4723
Girish, G. K. 1635
Girolami, V. 931, 1476
Gist, C. S. 2204, 5185
Gitay, H. 2910
Giustina, W. della 1766, 3935
Gladenko, I. N. 1220
Glancey, B. M. 989, 1782
Glanville, V. 3399
Glass, B. L. 1615
Glass, E. H. 4773
Glen, D. M. 5069
Glushenkov, N. A. 5161, 5241
Gninenko, Yu. I. 2855
Goantsa, I. K. 470
Godin, A. 4743
Godinez Veytia, J. I. 2031
Gogary, S. El- 4004
Goheen, A. C. 554
Göker, S. 4481
Gokhale, V. G. 2124
Gökmen, N. 4479
Goksu, M. E. 4442, 4448
Gokulpure, R. S. 1019
Goldsworthy, G. J. 2239, 4686
Goldware, M. A. 866
Gołębiowska, Z. 727
Golik, Z. 4627
Golubev, T. I. 1342
Gomaa, E. A. 540
Gómez, C. Alvez 3685
Gomis, P. Vinaches 4774
Gonçalves, M. L. 491
Goncharenko, E. G. 4770
Gonen, M. 2465, 3560
González, D. 1507, 1510
Gonzalez, D. 1523, 4222, 4708, 4712, 4818
González R., D. 2713
González, R. H. 74
González Sánchez-Diedma, J. M. 4778
Goodall, D. E. 4503
Goodwin, R. H. 3331
Goodyer, G. J. 4337
Goonewardene, H. F. 2161, 4660
Goosen-de Roo, L. 2686
Gorbatyuk, N. M. 3076
Gordh, G. 4053
Gordon, C. C. 3319
Gorj, A. Popescu- 2222
Goryshin, N. I. 1789, 4124
Gorz, H. J. 2752
Gospodinov, G. 126, 2289
Gösswald, K. 1013, 4688, 4689
Goszcynski, W. 969
Gottlieb, F. J. 3896
Gough, D. 740
Goujet, R. 3886
Gould, G. E. 1415
Gould, H. J. 1076
Gouranton, J. 3478, 4889
Gourreau, J. M. 4998
Gourret, J. P. 1935
Govinda Das, G. 619
Govindan, R. 2448
Govindaswamy, C. V. 3234
Gowda, B. L. V. 4228
Goyal, R. S. 2936
Goytía, E. 2423
Gradwell, G. R. 1767, 3377
Graham, H. M. 2580, 2607, 5026
Graham, M. W. R. de V. 1771
Graham, P. P. 3295
Granados R., G. 1049, 1059
Granados, R. R. 3332, 4434
Granados R., Y. 1049, 1050, 1059
Grande, M. Durán 2842
Granier, S. Warkievi- 1366
Grant, G. C. 2520
Grant, G. G. 4068
Graves, J. B. 1595
Graves, T. M. 3959
Gray, B. 869, 3837, 3843, 4838
Gray, T. G. 2859
Greathead, D. J. 1402, 3650, 5076
Greaves, T. 3111
Green, A. A. 2883
Green, E. E. 4288
Green, G. C. 179
Green, N. 3795
Green, V. E., Jr. 4707
Greenbaum, H. N. 1397
Greenberg, B. 1761
Greene, G. L. 88, 202, 610, 1855, 2796, 3129, 3519, 3690, 4794
Greene, J. R., Jr. 3480
Greening, H. G. 2888
Greenway, A. R. 1295, 4083
Greer, P. A. 4501
Greger, H. 2820

Gregory, B. G. 3338, 3341
Gregory, W. 144
Greig, A. M. W. 3972
Gressitt, J. L. 3598
Greve, P. A. 3619
Griffin, C. S. 2071
Griffin, J. G. 1354
Griffiths, D. A. 945, 4075
Griffiths, D. C. 1226, 1295, 4083
Griffiths, G. C. D. 2518, 2976, 4058
Griffiths, G. W. 1357
Griffiths, K. J. 1395
Grigg, G. C. 1861
Grigolo, A. 1741
Grigorieva, T. G. 43
Grigoryan, M. A. Ter- 2220
Grijpma, P. 3266, 3269
Grill, D. 4500
Grimal'skiĭ, V. I. 699
Grimes, D. W. 1524
Grison, P. 671, 3354
Grivanova, K. P. 5228
Gromova, A. A. 1129
Grübner, P. 406
Gruev, B. 1388
Grunertová, H. 4523, 4524
Grushoff, P. 4886
Grylls, N. E. 2283, 4245, 4416
Grzelakowska-Sztabert, B. 891
Guagliumi, P. 1029
Gueldner, R. C. 3958, 4645
Guennelon, G. 2317
Guerra, A. A. 2018, 2464
Guerra, R. J. 2607
Guez, M. 345
Guggenheim, R. 4073
Guiddawy, M. M. El- 1363
Guignard, E. 2325
Guillot, F. S. 2564, 3555
Guimarães, J. M. 2652
Guittini, U. 446
Gujrati, J. P. 4795
Gulati, K. C. 2936
Guldner, C. D., Jr. 662
Guliĭ, V. V. 1183, 4066
Gullyev, A. G. 105
Günaydın, T. 4466, 4470
Gunther, F. A. 805, 1608, 1628, 2937, 2938, 4984, 4985
Gunther, J. D. 805, 1608, 1628, 2937
Günther, K. K. 2403
Guppy, J. C. 18, 19, 385
Gupta, B. P. 133, 577
Gupta, C. P. 4499
Gupta, D. S. 1638, 2876, 3807, 5050
Gupta, G. P. 774
Gupta, H. C. 1043
Gupta, J. C. 4786, 5050
Gupta, R. 3149
Gupta, R. S. 2470
Gupta, S. C. 2066
Gupta, S. K. 784, 3214, 4527
Gupton, R. N. 1799
Gür, Ö. 4458
Gurdalbir Singh 4535
Gur'eva, E. L. 3431, 3434
Gurevitz, E. 2771
Gurgenidze, Z. I. 2601
Gürkan, S. 4474
Gürses, A. 4459, 4468
Gusenleitner, J. 398
Guss, P. L. 23
Gutenmann, W. H. 2923
Guthrie, F. E. 4593
Guthrie, W. D. 1866
Gutierrez, A. P. 3532, 3533
Gutierrez, J. 2159, 4116, 5002
Güvener, A. 4478, 4484
Guzman-Varon, R. 4593
Gyotoku, N. 1471, 3045
Gyrisco, G. G. 9
Habeck, D. H. 1113
Habib, A. 3, 57, 584, 1474, 1477, 3746
Habib, R. 3817
Habibulla, M. 1704
Hackerott, H. L. 5102
Hackman, W. 4030
Hadi, N. H. A. El- 2597
Hadley, M. 2695
Hadlington, P. W. 4241
Haeger, E. 5182
Hafez, M. 186, 310, 642, 647, 1108, 1314, 1375, 1473, 1491, 1493, 2706, 2707, 2708, 3244, 3787
Hagel, G. T. 1323
Hagen, A. F. 3773
Hagen, K. S. 348
Hagley, E. A. C. 2454, 3732
Hagstrum, D. W. 231, 232, 342, 1752
Hågvar, E. B. 2179, 4219
Haidari, H. El- 991
Haisch, A. 4301, 4303
Hale, L. D. 3659
Hale, O. M. 4194
Hales, D. 2095
Halfawy, M. A. El- 4122, 4401, 4404, 4592, 4859
Halffter, G. 295, 1504, 1680, 2020, 2027, 2148, 2380, 2411, 2528, 2710, 2742, 2753, 2793
Haliburton, T. H. 1482
Halkka, L. 4034
Halkka, O. 4034
Hall, D. H. 213
Hall, I. M. 422, 744, 3319, 3888, 4876
Halperin, G. 3479
Halperin, J. 4421
Halstead, D. G. H. 1266, 3477
Halteren, P. Van 5099
Hama, H. 3483
Hämäläinen, M. 4912, 4913, 4914
Hamasuna, T. 518
Hamilton, K. G. A. 2513
Hammack, L. 29
Hammad, S. 7
Hammad, S. M. 583, 990, 1107, 1526, 1745, 2343, 2705, 3092, 3178, 3179, 3433, 3771, 4190, 4324, 4353
Hammann, I. 2053
Hammock, B. D. 1728
Han, S. S. 779
Han, Y. B. 618
Han, Y. F. 2182
Han, Y. M. 2453
Hanaoka, M. 1576
Handa, S. K. 5256
Handa, S. M. 3013
Hanford, L. 4991
Haniotakis, G. E. 3501, 4796
Hanker, I. 762, 4960
Hanks, A. R. 2492
Hanna, H. M. 217, 376, 377, 1326, 1327, 4135
Hanna, M. A. 929
Hannan E. J. 2468
Hannibal, R. M. 78
Hansell, R. I. C. 854, 961
Hansen, E. A. 1217
Hansen, E. L. 1993
Hansen, G. D. 746
Hanson, F. E. 3516
Happ, G. M. 66
Haque, H. 2886
Hara, K. 757, 767, 932
Haramoto, F. H. 3503, 3660
Harcourt, D. G. 385, 536
Hardakis, J. 5134
Hardee, D. D. 1943, 3958, 3959, 3961

Hardes, D. D. 2152
Harding, J. A. 194
Harding, J. W. 4697
Hardwick, D. F. 2509, 2510
Hardy, D. E. 90, 2962
Hardy, R. J. 415, 2307, 3452, 4282
Hare, W. W. 1803, 2449, 3692
Hargreaves, B. 987
Harjai, S. C. 986, 2231
Harley, K. L. S. 4241
Harper, A. M. 2720
Harper, J. D. 1481, 4891
Harrell, E. A. 1803, 2449, 2725, 3692
Harris, C. R. 782, 3988
Harris, E. C. 3300
Harris, E. J. 3061, 3419
Harris, F. A. 1345
Harris, H. M. 4278
Harris, K. F. 239, 732, 1754, 4869
Harris, K. M. 1667
Harris, M. K. 2780
Harris, P. 3146
Harris, R. H. G. 123
Harris, R. J. 1225
Harris, S. J. 4961
Harrison, D. L. 2490, 2934
Harrison, I. R. 4949
Harrison, R. A. 274, 386
Harrod, M. J. E. 245
Harry, P. 2768
Hart, J. B., Jr. 1961
Hart, J. W. 1270
Hartberg, T. J. 4804
Hartman, M. J. 2473
Harvey, T. L. 5102
Harwalkar, M. R. 3500
Harwood, R. F. 2776
Harwood, R. R. 1059
Hascoet, M. 1222
Haselein, I. 2956
Hashmat, S. 612
Haskins, F. A. 2752
Hassan, E. 3832, 4144
Hassan, M. S. 1893, 1894
Hassan, S. A. 1124
Hassan, S. M. 310, 644, 646, 1745, 2469, 3092, 3395, 3978
Hassanein, M. H. 641, 642, 1517, 1518, 1744, 1768, 1864, 1933, 2837, 3151, 3245, 3248, 3250, 3469, 3675, 3763, 3764, 3787, 3798, 3802, 3803, 4140, 4331, 4810
Hassell, M. P. 1767, 4718
Hatchett, J. H. 85
Hathaway, D. O. 3566
Hatmosoewarno, S. 494
Hattori, I. 2336
Hatzinikolis, E. N. 954
Haussdörfer, M. 2956
Havenstein, D. E. 3532, 3533
Hawkes, C. 3031, 3769, 3991
Hayashi, Y. 2007, 2901, 2904, 2905
Hayat, M. 317, 851, 1256, 2081, 3667
Hayek, C. M. F. von 1268
Haynes, D. L. 2919, 3386, 3387
Haynes, J. W. 3500
Haynes, W. C. 2899
Hays, D. B. 3555
Hazan, A. 2571
Hazeltine, W. 3408, 3409
Head, R. B. 3819
Headley, J. C. 4910
Heathcote, G. D. 1994
Hedin, P. A. 3958, 4645
Hedlund, R. C. 4879
Hedquist, K. J. 3815
Heed, W. B. 905
Heemert, C. van 3010
Hefny, A. M. El- 4211
Hegdekar, B. M. 1713
Heichel, G. H. 3834
Heie, O. E. 2653, 2865
Heikinheimo, O. 4031
Heimpel, A. M. 2037, 2914, 3975, 4411
Heinisch, E. 2956, 5253
Heinrich, C. 2511
Heinrich, W. O. 4507
Heinrichs, E. A. 1439, 1963
Helaly, M. S. El- 988, 1272, 3445, 3767
Helgesen, R. G. 2633, 4941
Helle, W. 362
Hellén, W. 4542
Hellrigl, K. G. 1163, 1964, 2869, 4839
Helson, G. A. H. 1807, 1808, 1809, 1810, 2852, 4072
Henderson, C. A. 1876, 2724
Henderson, H. E. 3465
Henderson, J. F. 1181
Hendricks, D. E. 1942, 2607, 5026
Hendry, L. B. 4085
Henneberry, T. J. 3962, 4141
Hennig, E. 841, 3934
Henning, L. 4073
Henry, J. E. 531, 1999, 5221, 5222
Hensley, S. D. 1595
Henson, R. D. 4645
Henson, W. R. 5194
Hepner, L. W. 3438
Herforth, R. S. 2467
Herfs, W. 2346
Hermansen, P. R. 3407
Hernández Esteruelas, P. 172, 173, 1083, 1090, 3686, 4775
Hernández R., F. 2716, 2801
Herne, D. C. 2600, 4005
Herne, D. H. C. 976, 1466, 3731
Herrera, A. 1204
Herrett, R. A. 1648
Herring, J. L. 861, 4248
Herrington, P. J. 3200
Hertel, G. D. 2102
Herting, B. 5067
Hertveldt, L. 2348, 3611
Herzel, F. 3415
Heseltine, H. K. 2457, 2476, 2884
Heungens, A. 556, 1147
Heuster, S. G. B. 293
Hewitt, P. H. 72, 2273, 2274, 4727
Heye, C. 1212
Heyndrickx, A. 3618
Hicks, B. W. 273
Hicks, D. M. 1802
Hidaka, T. 3517
Highland, H. A. 772, 3990
Higuchi, T. 1200
Higuchi, Y. 2064
Hikichi, A. 3732
Hikida, H. R. 1567
Hilali, M. 2872
Hill, A. 4659
Hill, A. J. 2003
Hill, D. S. 2305, 2355, 4955
Hill, W. B. 414
Hille Ris Lambers, D. 849, 2379, 4997
Hillman, W. S. 1325
Hilmy, A. M. 1700, 3468
Himeno, M. 2895, 4412
Himmelreich, R. 4945
Hinckley, A. D. 1544
Hines, B. M. 1345
Hinks, C. F. 867, 2105, 3450
Hinz, B. 755, 1996
Hirai, K. 4958
Hirai, Y. 383, 4087

Hirano, T. 2471
Hirao, J. 2427, 4749
Hiripi, L. 3630
Hirotani, H. 204
Hirwe, A. S. 3993, 4937
Hisamatsu, S. 2959
Hitchcock, B. E. 5081, 5082
Ho, K. K. 1011
Ho, T. H. 1910, 4802, 4828
Hodek, I. 2570
Hodges, J. D. 4594
Hodgson, E. 351
Hodgson, P. J. 4532
Hodjat, S. H. 1119, 1197
Hodkinson, I. D. 3426, 4234
Hoedaya, M. S. 2079
Hoffman, J. D. 410
Hoffman, L. J. 4587
Hoffmann, D. F. 3337, 3890, 3897, 4426, 4428
Hoffmann, H. 1117, 1204, 2783, 2845, 2977, 3232, 3262
Hoffmann, J. A. 886
Hogan, T. W. 3390, 4113
Holden, A. V. 800
Hölldobler, B. 3108
Hollick, F. S. J. 5045
Hollings, M. 1149
Holloway, G. A. 3665
Holman, J. 850, 3184
Holmes, H. B. 1309
Holmes, M. C. 480
Holsten, E. H. 3265
Holt, G. G. 8
Holthaus, W. A. 4652
Homeyer, B. 263, 5243
Hominick, W. M. 3362
Honczarenko, J. 461
Honěk, A. 2120, 2570
Hoof, F. van 3618
Hook, R. I. Van 3114
Hope, J. A. 1606
Hopkins, S. H. 1993
Hopkins, T. L. 1176, 1177
Hopper, D. G. 4090
Horák, E. 1977
Hori, K. 887, 4089
Horikiri, M. 767
Horn, B. 4815
Horstmann, K. 1386, 2978, 4690
Horvat, F. 4867
Hosking, G. P. 3861
Hosny, M. M. 63, 3021, 3249, 3752, 4354, 4355, 4356
Hossain, M. M. 1575
Hostetter, D. L. 4501, 4520, 4915
Hostounský, Z. 3326
Houk, E. J. 2990
House, V. S. 3960, 3961
Houseweart, M. W. 1955, 1956
Houston, K. 4168, 4170, 4672
Houston, W. K. 183
Howe, R. W. 780
Howe, W. L. 607
Howell, J. F. 4620, 4658, 4659
Howell, J. O. 2, 5039
Howell, P. J. 4347
Hower, A. A., Jr. 4221
Howse, G. M. 4911
Hoy, J. M. 3974
Hoyt, S. C. 2779, 3597
Hrdý, I 822
Hrubant, G. G. 3975
Hrubík, P. 5191
Hseuh Tsai 1160
Hsiao, C. 4661
Hsiao, H. S. 915
Hsiao, T. H. 4661
Hsieh, F. 4127
Hsieh, F. K. 1582
Hsiu, C. F. 2453
Hube, H. Laurent- 3277
Hubregtse-van den Berg, A. I. M. 2686
Huddleston, P. M. 1943
Hudon, M. 509, 2292
Hudson, A. 2969
Hudson, L. 4561
Hudson, N. M. 415
Hudson, W. B. 157, 163, 164
Huffaker, C. B. 3062, 4673, 5063, 5064
Huger, A. M. 832
Hughes, K. M. 3879
Hughes, R. D. 428
Hukuhara, T. 1998, 2438, 3344, 3892
Hukusima, S. 4724, 4725
Hull, L. A. 1899
Hull, T. B. 278
Hunnego, J. N. 2934
Hunt, P. 4416
Hunter, D. K. 744, 2909, 3330, 3337, 3885, 3897, 4423, 4426, 4428
Hunter, F. A. 4858
Hunter, J. M. 3417
Hunter, P. E. 4304
Huntington, K. A. 3048, 3049
Huot, L. 336, 447, 752, 1603, 2116
Huque, H. 4118, 4679
Hurdon, M. 1414
Hůrková, J. 822, 2459, 5239
Hurpin, B. 739, 1574, 2158, 2430, 3323
Husain, A. A. 612
Husband, R. W. 862
Hussain, A. 2350, 2351
Hussain, A. A. 1002, 1452, 1453
Hussain, M. 4405
Hussain, S. 4405
Husseini, M. M. El- 3513, 3648, 5061
Huston, F. 1482
Hutabarat, D. 2079
Hutchins, R. F. N. 2574, 2856, 4107, 4923
Hutson, D. H. 1630
Hutt, R. B. 248, 2777
Hwang, K. H. 5125
Hyde, M. B. 2882
Hydorn, S. B. 3127
Hyer, A. H. 3254
Hyun, J. S. 2732, 3537
I-Shying Tjying 207, 1180
Iaccarino, F. M. 701, 1282, 1683
Iacob, N. 1073
Ibáñez, J. A. Rodriguez 3638
Ibáñez, T. Pérez 4774
Ibaraki, A. 1166
Ibarra, G. E. 2763
Ibrahim, M. M. 437, 438, 439, 1363, 3100, 3101, 4095, 5054
Ibrashy, M. T. El- 28, 36, 3502
Idagawa, T. 1500, 1941, 5130
Iglisch, I. 2585
Ignatov, B. 553
Ignoffo, C. M. 13, 410, 474, 2915, 3329, 3338, 3341, 3367, 3889, 3893, 4501, 4520, 4915
Igue, T. 1497
Iizuka, H. 3698
Ikeda, K. 767
Ikemoto, H. 1736
Ilharco, F. A. 452
Imamura, M. 767
Ingram, W. R. 2226
Injac, M. 4897
Ino, M. 932
Inoue, H. 204, 2428, 3313
Inoue, K. 923
Inoue, T. 2730, 3957
Inserra, S. 581
Insley, H. P. 4064

nstituto Nacional de Tecnología Agropecuaria 753, 1813
nsua, A. 675
nsunza, V. 2456
nternational Atomic Energy Agency 2076
nternational Institute of Tropical Agriculture 3844
onescu, M. 149, 3768
perti, G. 2311, 3055, 4163, 4580
rabagon, T. A. 4894
ren, Z. 2323, 4460, 4463, 4464, 4465, 4469, 4472
reson, J. E. 415
ronside, D. A. 1456
rving, N. S. 2226
rving, S. N. 1020
rwin, M. E. 2024, 4818
sa, A. L. 2294, 2295, 2728, 2729
sac, G. 1209
saeva, A. Ya. 44
sakari, Y. 1044
shaaya, I. 4569
shag, H. M. 2811
shiguro, T. 785
shihara, T. 4268
shikawa, H. 916
shizuka, H. 3963
sing, E. 413
şık, M. 4289
smail, A. R. 918
smail, I. I. 1765, 3144, 3801, 4609
soda, T. 759
srael, P. 4259, 4264, 4265, 5095
tayama, T. 529
tô, Y. 3372, 3559
to, Y. 4888
vanov, A. V. 147
vanov, I. 3188
vanov, S. 1895, 3188
vanova, R. M. 223
vanova, T. V. 251, 4619
vanova, Zh. M. 2616
vens, G. W. 3673
ves, W. G. H. 1328
vie, G. W. 4967
wai, P. J. 243
wanowa, R. M. 223
wantsch, G. F. 2670
wata, T. 2540, 3483, 5246
wata, Y. 4985
wata, Z. 3963
yatomi, K. 2486, 3401
z, Y. 4478
zmirova, N. 3404
Izquierdo Tamayo, A. 2842
Jackson, C. G. 3927
Jackson, G. J. 1992, 2268
Jackson, L. L. 4204
Jackson, R. D. 85
Jacob, A. 940
Jacobson, M. 2566, 3419
Jacquemard, P. 1393, 1394
Jacques, R. 3024
Jaen, A. 4308
Jafar, K. M. 1002
Jafri, R. H. 4893, 5226
Jagannath, M. K. 77
Jagirdar, H. S. 4535
Jago, N. D. 1829
Jahn, E. 3497
Jahren, R. 1171
Jain, P. C. 4369
Jaisson, P. 2531
Jakaitas, B. 3955
Jakhmola, S. S. 191, 3233
Jakimavičius, A. 3939, 3940, 3943, 3954
Jakubczyk, H. 2693
Jalaja, M. 1302
James, M. T. 935
Jamornman, S. 1049, 1059
Janagarajan, A. 4358
Janaki, I. P. 3234
Jander, R. 909
Janes, M. J. 88, 1041, 1411
Janes, N. F. 2047, 4008, 5242
Jankiewicz, L. S. 4384
Janssens, P. A. 352
Janzen, D. H. 4696
Jarjes, S. J. 505
Jarosz, J. 388
Jarraya, A. 3402
Jatlow, P. 898
Javadi, I. 455
Jávor, A. 1078
Jay, D. L. 740, 2909, 3885, 4423, 4892
Jay, E. G. 1979
Jayaraj, S. 4277
Jayaram, M. 292
Jayaramaiah, M. 2448
Jefferies, D. J. 3607
Jefferson, R. N. 322
Jeffs, K. 3413
Jelínek, J. 394
Jellum, M. D. 1488
Jenkins, C. F. H. 1858
Jenkins, J. N. 1133, 1134
Jenkins, L. E. 4012
Jennings, A. G. 4518
Jennings, D. T. 4391, 4562
Jennings, R. W. 2073
Jensen, A. 2749
Jensen, D. D. 2438, 3866
Jensen, L. 4735
Jenser, G. 1811
Jermy, T. 1900, 2041, 4600
Jimenez, A. 3966, 3967
Jiménez, E. J. 2756
Jiménez J., E. 1507
Jiminez R., E. 2024
Jobin, L. J. 3272
Johannsen, F. R. 3467
Johansen, C. A. 1881
John, P. A. 1688, 5006
John, V. T. 4267
Johnsey, R. L. 3837
Johnson, C. 395
Johnson, C. D. 4546
Johnson, D. E. 157
Johnson, D. R. 2437, 3884
Johnson, G. R. 489
Johnson, H. M. 3624
Johnson, J. W. 2300
Johnson, R. A. 1561
Johnson, W. L. 3255
Johnston, J. A. 4241
Johnston, R. F. 902
Johnston, W. S. 2248
Johnstone, D. R. 2185, 3048, 3049
Joiner, R. L. 4226
Jolly, M. S. 4571
Joly, E. 4983
Joly, P. 1726
Jonaitis, V. 3947
Jones, F. G. W. 2630
Jones, G. A. 2950
Jones, M. G. 1037, 2630
Jones, P. A. 1431
Jones, R. D. 2875
Jones, R. L. 1708, 2044
Jones, T. Palmer- 3712
Jones, W. A. 2566
Jones, W. R. 3295
Jong, B. J. de 4084
Jong, D. J. de 3014
Jorgensen, C. D. 1
Jose, P. C. 3147
Joseph, K. V. 1871
Joshi, H. C. 4316
Joshi, N. K. 133
Jotwani, M. G. 142, 1046, 1064, 1558
Jouan, J. Rouze- 1392
Joubert, P. C. 4583
Jouvenaz, D. P. 989
Jóźwik, Z. 387
Jubb, G. L., Jr. 3186
Juckes, I. R. M. 5213
Judd, W. W. 4385
Judenko, E. 1601
Julian, G. St. 2898
Jump, B. J. 4957

Juneau, A. 2903
Jung, H. F. 139
Jung, K. Nübler- 4579
Jungreis, A. M. 898, 2533
Jurek, M. 633
Jurzitza, G. 1948
Juszkiewicz, T. 1236
Kaae, R. S. 341, 2579, 4133
Kabacik-Wasylik, D. 1573
Kabašinskaitė, M. 3943, 3948
Kabir, S. M. H. 4272
Kabour, K. 4900, 4901, 4902, 4903, 4904, 4905, 4906
Kacsó, A. 4747
Kaddou, I. K. 117
Kader, M. M. Abdel- 3996, 3997
Kadoum, A. M. 1646
Kady, E. A. El- 311, 1893, 1894, 3037, 3802, 3803
Kadzhaya, G. S. 968
Kaemmerer, K. 806
Kaestner, A. 2629
Kagan, F. 1253, 3089, 3090, 3584
Kahn, R. P. 1567
Kaiery, E. 5145
Kailidis, D. S. 1547, 4851
Kain, W. M. 4160
Kaiser, W. J. 3229, 4400
Kaisila, J. 4035
Kajak, A. 100, 2175, 2694
Kakiya, N. 368
Kakuliya, G. A. 5178
Kalandra, A. 818
Kaleĭnikova, S. I. 1540
Kalkan, M. 4486, 4489, 5245
Kalmakoff, J. 1069, 2446, 4882
Kalode, M. B. 5094, 5095
Kalra, A. N. 4086
Kalyanaraman, V. M. 138
Kalyuzhnyĭ, V. G. 46
Kamel, A. A. M. 2013, 2014, 2833, 2834, 3244, 3800, 5168
Kamel, A. H. 271, 2416, 3297
Kamenkova, K. V. 1644, 3658
Kamhi, J. 3370
Kamijo, K. 4545, 4844
Kamimura, H. 1728
Kamiński, E. 1251
Kamm, J. A. 87, 875, 4986
Kamran, M. A. 2025, 5187
Kan, A. A. 2611, 2612
Kanavel, R. F. 2003, 2065, 3321
Kanazawa, J. 3698
Kandelaki, Dzh. B. 4948
Kanervo, V. 1317
Kang, J. Y. 1155
Kangas, E. 4037
Kanki, T. 802
Kannowski, P. B. 101
Kantack, B. H. 1431
Kapil, R. P. 1834, 4323
Kaplanis, J. N. 4102
Kapoor, I. P. 3993, 4937
Kapoor, K. N. 208, 2228, 3235, 4795
Kapur, A. P. 856, 1271
Karabash, Yu. A. 169
Karaman, G. A. 4348
Karandawela, C. B. 3165
Karapetyan, A. P. 1664
Kareem, A. A. 3423
Karg, W. 1087
Karl, E. 735, 842, 3306
Karman, M. 4437
Karny, M. 2700
Karpova, A. I. 4758
Karsemeijer, M. M. D. 2326
Karwańska, J. 450
Kaschef, A. H. 261, 4146
Kashiwagi, M. 900
Kashyap, R. S. 2876
Kasim, J. A. 1880
Kasparyan, D. R. 847
Kassai, T. 3485
Kastritsis, C. D. 245
Kas'yanov, A. I. 5097
Kaszab, Z. 396
Katagiri, K. 3963
Katanyukul, W. 3655
Kathiravetpillai, A. 2846
Katiyar, K. P. 1310
Katiyar, O. P. 3159, 3169, 3700, 3704
Katiyar, S. S. L. 209, 1127, 1875, 2727, 4790, 5098
Kato, T. 2785
Kaufman, D. D. 2075
Kaufman, W. M. 2468
Kaugars, G. 3398
Kaur, P. 4343
Kaurava, A. S. 1841
Kaushal, P. K. 620
Kavadia, V. S. 4531
Kavut, H. 4437
Kavut, N. 4452, 4455, 4456
Kawahara, S. 2730, 2734
Kawamoto, F. 2439
Kawanishi, C. Y. 2447, 3882, 4760
Kawano, K. 517, 1344, 2189
Kawar, N. S. 1880, 2938
Kawarabata, T. 2007
Kawasaki, H. 2471
Kawase, S. 2439
Kawecki, Z. 570
Kay, I. R. 2631
Kaya, H. K. 1839, 1840, 1959, 3120, 3645, 5219
Kaya, N. 4447
Kâya, O. 4437
Kayamura, T. 738
Kayashima, S. 518

Kaygısız, H. 4449, 4450
Kazancioğlu, K. 2699
Kazano, H. 2075
Kazenas, V. L. 2626
Kearby, W. H. 221, 4520
Kearney, G. 1822
Kearney, P. C. 2075
Kearns, C. W. 1618
Keaster, A. J. 513
Keddis, M. E. 3025, 379
3995
Kee, L. H. 3809
Keeney, D. R. 808
Keep, E. 4921
Keetch, D. P. 3749, 3750
Kegg, J. D. 220, 2391
Kehat, M. 3034, 3035
Kehr, W. R. 3175
Keil, J. E. 4943
Keiser, I. 1625, 2164, 3419
Kelleher, J. S. 2918
Kellen, W. R. 2008, 3890
5220, 5224
Kelly, D. C. 3317
Kelly, R. F. 3295
Kendall, D. A. 4566
Kennedy, G. G. 4766
Kennedy, I. R. 1229
Kennedy, J. S. 4136
Kennedy, M. K. 2199
Kennedy, M. V. 2925
Kenneth, R. 2002, 4421
Kenneth, R. G. 4969
Kenten, R. H. 614
Keremidchiev, M. T. 221
Kerhoas, L. 1222
Keriem Saad, A. S. A. 1071
Kerkut, G. A. 878
Kerr, S. H. 291, 1399, 1437, 2229
Kerr, T. W. 1962
Kerrich, G. J. 1267

Keskiner, F. 4494
Kessell, A. C. 2805
Keum, S. S. 779
Kevan, D. K. McE. 2970
Keyder, S. 4442, 4444
Khadzhibeĭli, Z. K. 4279
Khaĭrushev, E. K. 170
Khakimov, A. 3134
Khalifa, A. 3247
Khalifa, S. 1621, 2061
Khalil, F. M. 1517, 1518, 1744, 1768, 1933, 2837, 3245, 3248, 3250, 3469, 3798, 3802, 4348, 4810
Khalsa, M. S. 4937
Khamala, C. P. M. 1820, 1821
Khan, A. A. 4679
Khan, B. A. 5208
Khan, D. U. 3697
Khan, F. 4399
Khan, H. R. 4208
Khan, M. A. 11, 2644, 4608
Khan, M. R. 3001, 4270
Khan, R. M. 2816, 3789
Khan, S. 4703
Khanna, S. S. 724
Kharazishvili, K. V. 3830
Kharizanov, A. 551, 3717
Kharkar, A. N. 3387
Khateeb, A. A. El- 5165
Khatri, A. K. 1360
Khattab, A. A. 95, 96
Khattab, A. A. S. 63
Khavtasi, D. D. 2854
Khlistovskiĭ, E. D. 2206
Khnzoryan, S. M. Yablokov- 1664
Khokhar, M. T. 4893, 5226
Khosaka, T. 2895
Khosla, R. K. 138
Khristova, E. 3226
Khudairi, S. Y. A. D. 4022
Khush, G. S. 4258
Ki, W. K. 2824
Kicherov, V. P. 108
Kidwai, M. A. 2936
Kieckhefer, R. W. 4706
Kierych, E. 2975
Kifl, A. H. El- 1382, 3303, 4095, 4121, 4129, 5106
Kiguchi, K. 3471
Kikuchi, T. 3470
Kilgore, W. W. 2941
Kiliç, A. U. 4439
Kilincer, N. 2664
Kim, C. H. 2823, 2824, 2825
Kim, C. W. 2655, 3642, 3643
Kim, E. S. 1613
Kim, J. I. 3642, 3643
Kim, S. H. 3643
Kim, Y. T. 3338, 3341
Kimeldorf, D. J. 1824
Kimmel, E. C. 2047
Kimmerle, G. 5255
Kimura, Y. 326
Kindler, S. D. 3175
King, A. B. S. 5013, 5028
King, C. E. 1764
King, P. E. 324, 4567
King, W. J. 2185, 3048, 3049
Kingsley, V. V. 3540
Kinkade, M. L. 1577
Kinzelbach, R. K. 478
Kinzer, R. E. 4822
Kiper, G. 4487, 4493
Kipiani, A. A. 5121
Kipyatkov, V. E. 1859
Kira, M. T. 2729
Kira, T. 2728
Kirchhoff, J. 1634
Kirchner, K. 2956
Kirihata, M. 1344, 2189
Kiritani, K. 367, 368, 2297, 2730, 2734, 5096
Kiriyak, I. G. 3077
Kirk, H. D. 329
Kirk, V. M. 374, 1009, 4715
Kirkov, K. 553, 3236
Kirkpatrick, R. L. 1978, 4860
Kisakürek, Ö, R. 3718
Kishaba, A. N. 2171
Kishore, P. 142, 526
Kisimoto, R. 134
Kiskin, P. Kh. 3069, 3083
Kiskina, O. G. 3083
Kitagaki, T. 2471, 3396
Kitagawa, Y. 2892
Kitano, H. 1854
Kitazima, T. 1044
Kitching, R. L. 4245
Kiyoku, M. 1311
Kiyota, H. 656, 759
Klassen, W. 3910, 4109
Klein, M. G. 258, 1798, 2441, 2497, 3567
Klein, W. 3420, 4962
Kleiner, G. F. 4596
Kleinsorge, W. 3637
Klemm, N. 4093
Klerk, C. A. de 153
Klicza, L. 625
Kliger, L. 3984
Klimanova, N. K. 2731
Klimaszewski, S. M. 301, 449
Klimetzek, D. 711, 4841
Kling, H. 1289
Klingauf, F. 370, 375, 1856, 2575, 3420, 3515
Klingler, J. 3662
Kloft, E. S. 5056
Kloft, W. 1843
Kloft, W. J. 3914, 5056
Klomp, H. 3377
Klosep, L. G. 1541
Klun, J. A. 2101
Klunsuwan, S. 4199
Klyuchko, Z. F. 2256, 4188
Kmitowa, K. 1573, 2893, 4430, 4431, 4432
Knaak, J. B. 1649
Knell, J. 3448
Knerer, G. 3291, 3292
Knight, R. L. 4921
Knight, W. J. 2973
Knipling, E. F. 3906
Knoevenagel, K. 4945
Knof, H. E. 3825
Knoke, J. K. 3160
Knopf, H. E. 1158
Knorr, L. C. 4309
Knott, L. 4731
Knowles, C. O. 1641, 3467
Ko, J. H. 109
Kobakhidze, D. N. 3830
Kobayashi, K. 615, 1175
Kobayashi, M. 1015
Kobayashi, R. M. 1576, 1625, 2164, 3419
Kobayashi, T. 4139
Kobylnyk, R. W. 250
Kochansky, J. 5014
Kochetova, N. I. 4100
Kodirah, S. M. 972
Kodys, F. 762
Koehler, W. 812
Koeman, J. H. 4536
Koenig, H. E. 3387
Koeppe, J. K. 2997
Koga, H. 520, 521
Kogan, M. 617
Kohli, J. 4962
Koide, K. 920
Koidl, B. 2640, 2641
Kojima, M. 5215, 5216
Kok, L. T. 4598
Kokubo, A. 358
Kolbe, W. 124, 206
Kolkaila, A. M. 4324
Kollárová, M. 4244
Kollmannsberger, K. 5077
Köllner, V. 1952
Kolmakova, V. D. 4291

Kolomiets, N. G. 218, 1542
Komada, N. 4725
Komarova, O. S. 4613
Kondo, K. 119, 1417, 1869, 1870
Kondo, S. 1419
Konečný, V. 4516
König, E. 710
Kono, Y. 2130
Kononova, S. V. 4047
Koob, K. 2247
Koons, F. A. 9
Koopmans, M. J. 1786
Köppä, P. 2704
Köppen, H. 1263
Koppers, I. Derksen- 5261
Korcz, A. 563, 1245
Körner, H. J. 2603
Kornilov, V. G. 1914
Korte, F. 4962
Körting, A. 1556
Korunić, Z. 3684
Koshy, E. P. 2738
Kosirakis, E. C. 5134
Kosmatyĭ, E. S. 166
Kostenko, I. R. 5157
Kostin, I. A. 4394
Kosztarab, M. 1658, 1660, 1661
Kot, J. 777
Koura, A. 4122, 4404, 4859
Kousalya, G. 2356
Kouskolekas, C. A. 1481, 3263
Kovalenkov, V. G. 5156
Kovalev, B. G. 1654, 3922
Kovalev, O. V. 3282
Kovrigin, A. I. 45
Kowalska, T. 1243
Koyama, T. 2740
Kozár, F. 3207
Kozar, F. 4373
Kozlik, A. 4949
Kozlov, M. A. 466
Krambias, A. 3917
Kramer, J. P. 4548
Krantz, G. W. 1889
Krause, C. 1634
Krause, G. 3454
Kravchenko, M. A. 453
Kraveĭshvili, I. K. 3830
Krawczyk, A. 3575
Krczal, H. 1569, 3183
Krehoff, R. C. 4077
Krejzová, R. 2442, 2443
Kremer, F. W. 5122
Krieg, A. 748, 830
Krieg, P. 2993
Krishna, S. S. 4329, 4618, 4788
Krishnakumaran, A. 1290, 2957
Krishnamurthy, C. S. 2356
Krishnamurthy, K. 3852
Krishnananda, N. 4277
Krishnaswamy, S. 3145
Kriston, I. 3546
Krizelj, S. 84
Krnjaić, S. 198, 379
Kroczyński, J. 1246
Krombein, K. V. 302
Kropczynska-Linkiewicz, D. 955
Krueger, H. R. 597, 1499, 2362, 5257
Kruk-de Bruin, M. 2690
Krunić, M. D. 363
Krushev, L. T. 699
Krysan, J. L. 23, 1695
Krywienczyk, J. 2901, 2904, 3312
Kryzhanovskiĭ, O. L. 2215, 2628, 3066
Kuan, C. H. 5140
Kucera, M. 4081, 4570
Kučera, M. 5223
Küçükarslan, N. 2364
Kudelová, A. 762
Kudina, Zh. D. 1410
Kudler, J. 834, 835
Kudrna, O. 1669
Kudryavtsev, V. S. 3737
Kugelberg, O. 3044, 4078, 5025
Kühnel, F. 160
Kuhr, R. J. 1588
Kuitert, L. C. 1146
Kulenova, K. Z. 2619
Kulman, H. M. 3529, 4380
Külps, G. 2045
Kulshreshtha, J. P. 4261, 4263, 5094
Kumar, K. 589
Kumar, R. 868, 4055
Kumar, S. 2813
Kumari, S. 4534
Kumata, T. 1670
Kundu, G. G. 142, 526
Kunze, L. 1569
Kupianskaya, A. N. 2685
Kurashvili, B. E. 5178
Kurdyukov, V. V. 3481
Kurentsov, A. I. 2216
Kurian, C. 543
Kurian, P. 3444, 4558
Kurir, A. 707, 3585, 4390
Kuris, A. M. 3366
Kuroda, T. 3396
Kurt, A. 4289, 5119
Kusano, T. 2991
Kuševska, M. 687
Kushwaha, K. S. 512, 2470
Kuszala, C. 236, 237
Küthe, H. W. 359
Kutsch, W. 1369, 4200
Kutsenin, B. A. 598
Kuznetsov, N. N. 5139
Kuznetsov, V. I. 2654, 4048
Kuznetsova, E. A. 168
Kuznetsova, M. S. 4613, 4631, 5018
Kuznetsova, V. G. 2567
Kvíčala, B. A. 201
Kwei, C. M. 2453
Kwiatkowski, M. 1247
Kwon, S. H. 2732
Kysela, F. 3564
Laan, P. A. van der 5167
Laanio, T. L. 4009
Labonne, V. 4154, 4655, 4814
Labrador S., J. R. 2747
LaChance, L. E. 1742, 2012
Ladd, T. L., Jr. 258, 1597 1798, 2497, 3567, 4539
Laemmlen, F. F. 213
Lafarga, J. Novales 4866
Lagière, R. 1936, 1937, 1938
Lagunes T., A. 2156
Lagunes Tejeda, A. 4157
Lai, P. Y. 1349
Laigo, F. M. 1185
Laine, L. 1570
Laing, J. E. 115, 3668
Lajonquière, Y. de 3440, 4054
Lakhani, K. H. 3408
Lakhidov, A. I. 1000
Lakshman Lal 2135, 4003
Lakshmy, T. R. 2738
Lal, L. 2135, 4003
Lal, O. P. 751, 769, 1480, 1975, 4322
Lal, Rattan 499, 2808, 5256
Lallan Rai 1951, 1983, 2016, 2017, 3164
Lam, A. B. Q. 3887
Lamamié de Clairac, A. P. 3279
Lamb, K. P. 3091
Lamb, R. J. 1286
Lamba, D. P. S. 4323
Lambers, D. Hille Ris 849, 2379, 4997
Lambert, M. R. K. 4682
Lambourne, M. G. 4858

Lambrakopoulos, D. Ch. 2308
Lambremont, E. N. 2532
Lamont, T. G. 2491
Land, J. H. 3369
Landis, B. J. 1323, 1639
Landmann, W. A. 3405
Lane, F. 308
Lane, N. J. 888
Lang, J. H. 3989, 3990, 3992, 3998, 4398
Lange, R. 1156, 3823
Lange, W. H. 4796
Langenscheidt, M. 2144
Lapis, E. B. 2157
Lapitskiĭ, V. P. 3115
Lara, L. 1153
Laré, M. 3046
Larionov, G. V. 1184
Larrivée, J. M. 2114
Larrue, J. 236, 237
Larsen, E. M. Conradi- 3504
Larsen, T. B. 412
Larson, A. D. 3324
Larsson, R. 1793
Larsson, S. 3539
Lasceve, G. 3054
Láska, P. 4174
Latteur, G. 1408, 3679
Lauckner, F. B. 4435
Laudoniu, P. 690
Laumond, C. 3358
Laurema, S. 4870
Laurence, G. A. 143
Laurent-Hube, H. 3277
Lauverjat, S. 1814, 1815
Laverdure, A. M. 2548
Lavigne, R. 4280
Lavín, M. C. 2150
Law, J. H. 4571
Lawrence, K. O. 258, 1798, 2497, 3567
Lawrence, L. A. 1755, 1757
Lawrence, P. A. 4578
Lawrence, P. O. 2335, 4970
Layton, B. R. 3977
Lazăr, S. 552
Lazarev, M. A. 3730
Lazarev, V. S. 3074
Lazarević, B. 135
Lazorko, W. 2594
Le Berre, J. R. 1333
Le Fay, A. 3276, 3277
Le Louarn, H. 1016
Le Masne, G. 2691
Le Rumeur, C. 1141
Lê-Văn-Nong 3427
Lea, A. 436, 983
Leach, C. E. 231, 2994
Leahy, M. G. 1368
Leal, J. Romero 1406, 1407
Leal, M. P. 1942, 3256, 4820
Leath, K. T. 1445
Leather, E. M. 3099
Lebbink, G. 5214
LeCato, G. L. 1633, 2265, 2524, 3534, 4952
Leckstein, P. 4637
Leckstein, P. M. 2988
Leclant, F. 1255, 3428
Lee, A. H. 24
Lee, C. N. 779
Lee, D. K. 700
Lee, K. S. 5195
Lee, K. Y. 3387
Lee, P. E. 1991
Lee, S. C. 151, 274, 2924
Lee, S. T. 525
Lee, Y. C. 5195
Lee, Y. J. 1160
Lee, Y. M. 1160
Lefkovitch, L. P. 2510
Lefter, G. 3728
Legat, T. 965
Leggett, J. E. 3255
Leghtas, A. 2312
Legowski, T. 3574
Lehman, R. D. 1390
Lehmann, W. 840, 3225
Leigh, T. 1507, 1510
Leigh, T. F. 1524, 3254, 4222, 4708
Leite Cardoso, H. 2252
Lekander, B. 3539
Lembcke, G. 2956
Lendon, C. 4236
Lentz, G. L. 148
Lenz, M. 1021, 1860, 2272, 2697
León M. I. Otero 1103
León, M. Otero 3755
Leonard, D. E. 227, 3596
Leonard, M. D. 2599, 3542, 4150, 4197, 4729, 5049
Léonide, J. C. 1366, 5067
Leopold, J. 1188
Leppla, N. C. 3565
Leroi, B. 596
Lesiewicz, D. S. 3781
Leskova, A. J. 3006
Leśniak, A. 1168
Lešt'an, P. 882
Lester, R. 2543, 5164
Leston, D. 484, 5029
Letendre, M. 2242
Leuck, D. B. 1488, 2291, 3674, 5091
Levaditou, V. 335
Levengood, W. C. 247
Lever, B. G. 4944
Lever, R. J. A. W. 1689
Lévieux, J. 2678
Levinson, A. R. 5004
Levinson, H. Z. 1710, 5004
Levy, R. 17
Levy, R. 5057
Lewartowski, R. 3088, 3583
Lewin, V. 3411
Lewis, D. L. 1611
Lewis, E. E. 5183
Lewis, G. W. 2546
Lewis, H. L. 1812
Lewis, L. C. 1353, 1795, 3681
Lewis, T. 942, 1819, 2244, 2245, 2246, 3063
Lewis, W. J. 1708
Leyva, E. 680
Lhoste, J. 4589
Li, C. L. 2398
Li, C. S. 4144, 4754
Li, M. Y. 2941
Li, W. K. 2494
Li, W. T. 5140
Liang, C. J. 495
Liang, T. T. 1627, 2054, 4959
Libbey, L. M. 1307, 4576
Libby, J. L. 4804
Lichtenstein, E. P. 1627, 2054, 4010, 4020, 4023, 4959
Lienk, S. E. 1093
Light, W. I. St. G. 564
Lightner, D. V. 2037
Liles, J. N. 3017
Lilly, C. E. 1920
Lim, G. S. 3166, 4271, 4750
Lima, F. Basto- 2285
Lima, J. O. G. de 2415
Lima, V. de P. M. S. 1106
Limón de la Oliva, F. 3211, 3976, 4311
Lin, A. L. 2207
Lin, G. K. 229
Lin, T. 764, 2481
Lin, T. H. 323
Linde, R. J. van der 706
Lindegren, J. E. 2008, 3890, 5220, 5224
Linden, T. van der 3397
Lindig, O. H. 1354
Lindquist, E. E. 962
Lindquist, O. H. 3816, 4393, 5201
Lindquist, R. K. 1499, 2362

Lindsey, M. L. 3507
Ling, K. C. 136, 137
Ling, L. 3595
Linkiewicz, D. Kropczynska- 955
Linnavuori, R. 1258, 2082, 2083, 4552
Linskiĭ, V. G. 1023
Lints, F. 2558
Linzen, B. 3461
Lipa, J. J. 1001, 3579
Lisa, V. 4418
Lisk, D. J. 2602, 2923
Liu, H. P. 2453
Liu, S. K. 885
Livingston, J. M. 2897, 4874
Livshits, I. Z. 956
Lkhagva, Zh. 602
Llewellyn, M. 2988, 4637
Lloyd, C. J. 3400
Lloyd, M. 4717
Lloyd, N. C. 2778
Loadholt, C. B. 4943
Loan, C. C. 4702
Lobb, W. R. 4698
Locke, L. N. 2491
Locke, R. K. 2060
Lodos, N. 4824
Lofgren, C. S. 269, 989
Löfqvist, J. 1374, 3003
Loftus, G. 2602
Lofty, J. R. 1037
Logan, D. M. 3916
Lohm, U. 3539
Lohm, Y. 4096
Loinger, C. 5252
Lokki, J. 4034
Loktionov, P. D. 46
Lombardo, P. 1217, 3985
Long, J. S. 342, 2134
Long, S. H. 410
Longworth, J. F. 1994, 3325, 3876, 3899, 5213
Lopatin, I. K. 2619
Loper, G. M. 2913
Lopes Vieira, O. 4106
López B., S. 2795, 2799
López Cortegano, J. M. 1104
López Pinto, 0. 2792
López, S. Vicente 3211, 4311
Lorković, Z. 361
Loschiavo, S. R. 64, 2874, 4142
Löser, E. 5255
Loshitskiĭ, V. P. 169
Lotfy, A. 2416, 3297
Lotto, G. De 305, 318, 860
Louarn, H. Le 1016
Louloudes, S. J. 3331
Loureiro, M. C. 1109
Lourens, J. H. 5167
Loveridge, E. L. 2495
Lovett, T. J. 3288
Lovisolo, O. 2892
Low, B. S. 4236
Lowe, A. D. 419, 420, 4856
Lowe, D. A. 4946
Lowe, S. K. 554
Lowman, H. 2172
Löyttyniemi, K. 1960
Lu, F. C. 1610
Lu, J. 1409
Luca, V. De 1367
Luca, Y. de 2181, 2262, 3293, 3294
Lucas, J. R. 3714
Luce, A. 4981
Lucier, G. W. 773
Ludlam, F. A. B. 564, 2280, 2376, 2848, 4954
Lue, P. S. 1739
Luengo, J. G. Merck- 4016
Luisoni, E. 2892
Luitjes, J. 698
Luk'yanchikov, V. P. 2019
Lum, P. T. M. 357, 1698, 3394, 3880, 5022
Lunderstädt, J. 3824
Lundgren, L. 2132
Lusk, C. I. 2950
Lüthy, P. 3312
Lyche, H. Tambs- 846
Lynch, R. E. 1353, 1795, 3681
Lyon, D. J. de B. 1522
Lyon, R. L. 692, 804, 3994
Lyon, W. F. 4756, 4803
Lysenko, O. 1737
Ma, M. 29
Ma, W. L. 3668
Maartens, B. P. 1591
Maas, P. W. T. 542
Mabelis, A. A. 2687
Mabie, J. A. 371
Mabie, J. M. 267, 1702
Mabrouk, A. A. M. 3788, 4191
Máca, J. 4176
MacArthur, R. H. 1334
Macaulay, E. D. M. 373, 3033, 4088
MacCarter L. E. 1113
MacCarthy, H. R. 3424
McCarthy, J. F. 4949
McCay, R. E. 3969
McClean, A. P. D. 235
McClure, M. S. 4836
MacCollom, G. B. 1189
MacConnell, J. G. 3112
McCoy, C. W. 181, 2003, 3321
McCray, T. L. 5032
McCullough, T. 343
McDaniel, J. R. 3257
McDonald, F. J. 4115
MacDonald, J. F. 414
McDonald, L. L. 1633, 2875, 3989, 4956
MacDonald, M. D. 363
McDonald, S. 2290
McDonough, L. M. 1639
McDougall, G. A. 2399, 4853
Maceljski, M. 417, 3684
McEwen, F. L. 606
McFadden, S. 4000
McFadden, T. L. 5142, 5143
McFadyen, P. J. 2701
McFarland, S. U. 341
McFarlane, J. A. 2410, 3845
McFarlane, J. E. 2248
MacFarlane, J. H. 1756
Macfarlane, R. 5172
McGaughey, W. H. 1553, 1985, 2404
MacGillivray, H. G. 5196
McGovern, T. P. 2044, 2497, 3566, 4539
McGovern, W. L. 3255
McGregor, H. E. 5150
McGroarty, D. L. 1462
McGuffin, W. C. 296
McGuire, J. U., Jr. 5128
Machain L., M. 2794
Machin, A. F. 294, 4008
McIntyre, M. 2208
McIntyre, S. C., Jr. 4966
Mackauer, M. 421, 1585, 2668
McKibben, G. H. 3961
Mackiewicz, S. 626
McKinney, J. D. 1231
McKnight, M. E. 1970, 4714
McKoy, M. 1796
McLaren, I. W. 460
McLaughlin, R. E. 3322, 3333
McLean, D. L. 2990
MacLean, T. D. 3258
MacLellan, C. R. 1842
MacLeod, D. M. 2000, 4413, 4433
McLeod, H. A. 926
McMasters, J. A. 242, 4874
McMechan, A. D. 2773

McMillian, W. W. 2291, 2725, 3674, 3689, 3702, 4275, 5090, 5091, 5100
McMorran, A. 2170
McMullen, L. H. 2858, 2868, 5190
McMullen, R. D. 1902, 2667, 3726
McMurtry, J. A. 2665, 4709
McNeal, F. H. 1039
McNeil, J. N. 5059
McNeill, S. 3041
McQueen, D. J. 2074
McQueen, E. G. 1637
Madariaga, M. A. 4599
Maddox, J. V. 1187, 3334, 3339
Maddrell, S. H. P. 4199
Madge, P. E. 4295
Madhavan, K. 2131
Madhavan, O. T. 2944
Madjar, V. Melamed- 1490, 4340
Madkour, A. 1882
Madsen, H. F. 1463, 2462, 2774, 4653
Maeda, Y. 539, 758
Maehler, K. L. 2026
Magalhães Silva, G. de 4161
Maglakelidze, L. K. 5178
Mahany, P. G. 407, 4604
Mahdi, M. T. 3297
Mahdy, M. T. 2416
Maher Ali, A. 3025, 3799, 3995, 4004, 4647, 5240, 5247, 5248, 5250
Maher Ali, M. 1098
Mahieu, N. 4500
Mahin, G. Farivar- 4292
Mahto, Y. 4326
Maillet, P. L. 1935, 4889
Maini, S. 4987
Maitlen, J. C. 1639
Majda, A. 1246
Majumder, S. K. 2191, 4643
Makarova, L. A. 5163
Makhanta, Kh. Ch. 354, 1294
Makhmudkhodzhaev, N. M. 3863
Makino, S. 592, 767
Mal'chenkova, N. I. 3082
Malespin, R. 2783
Malhotra, C. P. 1848
Malik, D. S. 5149
Malipatil, M. B. 5101
Malkova, L. K. 5011
Malone, R. S. 4709
Maltby, H. L. 480, 5071
Malyĭ, L. P. 699
Malysheva, M. S. 102
Mamaev, B. M. 453, 1540
Mamaeva, Kh. P. 3953
Mamiya, Y. 1971
Mañas, J. A. Zorrilla 941, 3748, 3751, 3753
Mandil, F. 2830
Manglitz, G. R. 2752, 3171, 4224
Mangutova, S. A. 5254
Mani, M. S. 5048
Mania, P. K. 2709
Manica, I. 1109
Manier, J. F. 71, 4875
Manjunath, T. M. 2663, 3125
Manolache, C. 1128, 3734, 5227
Mansingh, A. 1304, 4125
Manson, D. C. M. 1665
Mansour, M. H. 2829
Manuilova, T. D. 5024
March, R. G. del Valle 2826
Marchal, M. 3886
Marczak, Z. 91
Marěsová, E. 4525
Mariappan, V. 3234
Mariau, D. 260, 4285, 5111
Mariconi, F. A. M. 1500, 1941, 5130
Marikovskiĭ, P. I. 2217, 2610, 2625
Mariño Sieiro, L. G. 3755
Marinoni, R. C. 1277
Markin, G. P. 1822, 1823, 4670, 5058
Markkula, M. 59, 1317, 1486, 1532, 1593, 1594, 2940, 4870, 4912, 4913, 4914, 5237, 5238
Markosyan, A. A. 473
Markosyan, Zh. K. 473
Marrs, G. J. 3924
Marshall, A. de 1515
Marshall, I. D. 1994
Marston, N. 2263, 4223
Martel, P. 1922, 2153
Martens, P. H. 1640, 3550
Martignoni, M. E. 243, 2184
Martin, A. 1300
Martin, B. B. 1782
Martín, J. Delgado 1406, 1407
Martin, J. S. 4212
Martin, J. W. 2922
Martin, M. M. 3210, 4212
Martin, M. Morales 2984
Martineau, R. 3274
Martínez García, C. 3279
Martínez, I. Cánovas 3748, 3751, 3753
Martínez, N. B. de 2632
Martínez Sánchez, J. 4778
Martinsen, D. L. 1824
Martouret, D. 565, 3354
Martyn, E. J. 415
Marucci, P. E. 152, 550
Marwaha, K. K. 4252
Marzke, F. O. 5032
Maschwitz, U. 909
Masiá, A. Meliá 3187
Maslennikova, V. A. 1329
Masne, G. Le 2691
Mason, J. B. 1675
Mason, J. F. 1499, 2362
Mason, P. C. 4215
Mason, R. R. 2861
Massee, A. M. 2772
Massó, E. 1204
Massonié, G. 349
Mastbrook, D. W. 1217
Masters, J. H. 4638
Mastro, V. C. 2201
Mata, F. 4599
Matesova, G. Ya. 2615
Mathee, W. A. 4777
Mathenge, W. M. 2258
Matheny, E. L., Jr. 1963
Mathew, K. P. 1228
Mathews, R. W. 3588
Mathez, F. C. 3687
Mathieu, J. M. 2022, 2711, 2714, 2803
Mathur, B. N. 2894, 3789
Mathur, K. C. 3124, 3145
Mathur, L. M. L. 2107
Mathur, S. C. 3148
Mathur, S. D. 3789
Mathur, Y. K. 1121, 3760, 4235, 4253, 4369
Mathys, G. 3605
Matiashvili, M. A. 3723
Matibet, M. Betbeder- 1401
Mătieş, M. 131
Matisová, J. 150
Matolin, S. 1717
Matsubayashi, E, 2487
Matsui, C. 736
Matsumoto, B. M. 5063, 5064
Matsumoto, K. 2999
Matsumura, F. 2057, 3416
Matsumura, S. 2516
Matsuo, Y. 768
Matsuyama, A. 2078
Matter, M. M. 259
Matthee, J. J. 3346
Matthews, G. A. 3792
Matthews, H. B. 1231

Matthiessen, J. N. 2912
Mauger, K. 2489
Maurici, J. Alberti 4774
Maxwell, F. G. 1133, 1134
May, I. R. 4202, 4209
Maycotte, J. de L. 2744
Mayer, M. S. 38, 3526, 3552
Mayr, E. 1585
Mayr, G. E. 1616
Mayr, L. 2063, 2519
Mayr, W. 745
Mazur, S. 297
Mdzinarashvili, T. R. 3189
Mead, F. W. 88, 2587, 2592, 3129
Meads, M. J. 4239
Mecci, A. K. 3252, 3620
Mechelany, E. 4312, 4313
Mederick, F. 5110
Medhin, S. G. 1336
Medvedev, G. A. 147
Medvedev, S. I. 2967
Medvedya, L. I. 4517
Meer, F. T. M. van der 3014
Megahed, M. M. 5, 418, 1003, 1806, 3680, 3788, 4191, 5165
Meggers, B. J. 1829
Mehendale, H. M. 273, 2052
Mehra, B. P. 1024
Meier, W. 3385
Meiniel, R. 3412
Meirleire, H. de 599, 3778, 4772
Meisner, J. 1759, 4155, 4674
Meksongsee, B. 1062
Melamed-Madjar, V. 1490, 4340
Meliá Masiá, A. 3187
Melichenco, L. 5130
Melikadze, L. D. 2601
Mellado, A. Díaz 3755
Mellado Brauns, L. 3496
Mellado, L. 3966, 3967
Mendes, O. 185
Mendonça Filho, A. F. 1033
Mendoza, C. E. 4642
Mendoza, R. Cañamás 1100
Menezes, M. de 4694
Meng, H. L. 2831
Menke, W. W. 5035
Menn, J. J. 4587
Menon, M. G. R. 609
Mensink, F. T. 3615
Menzer, R. E. 773, 2939
Menzies, D. R. 2478, 4005
Merck-Luengo, J. G. 4016
Mergen, F. 5194
Merkel, E. P. 225
Merle, J. Boulétreau- 2555
Merle, P. du 670, 1162, 2100, 3352, 5046
Merritt, P. H. 772
Mertins, J. W. 3669
Mertz, D. B. 903, 4142, 5036
Merwe, J. H. van der 4646
Mesnil, L. 5067
Mesnil, L. P. 4549
Messenger, P. S. 2026
Mészáros, Z. 1800
Metcalf, R. L. 24, 1618, 2483, 2485, 3993, 4937
Metcalfe, A. M. 4617
Metwally, A. G. 3021
Metwally, F. A. 1981, 2417, 2418, 3855
Metwally, M. M. 1312, 1730, 3303
Metz, L. J. 716
Meyer, H. J. 1164
Meyer, J. R. 4626, 4627
Meyer, M. K. P. S. 4999
Meyer, R. H. 1389, 3198
Meynadier, G. 2432
Mia, M. D. 4272
Michael, R. R. 1307, 1705, 3446
Michel, R. 913, 2232, 2241, 3625, 3629
Michelsen, A. 3462
Michener, C. D. 902
Micieli de Biase, L. 582, 702
Miczulski, B. 1079
Middelem, C. H. Van 3548
Middlekauff, W. W. 303
Middleton, M. R. 3924
Mihalache, G. 693
Mijušković, M. 686
Mikadze, L. D. 2601
Mikkola, K. 4036
Mikšić, R. 300
Miksiewicz, M. 627
Milaire, H. G. 2324
Miles, J. A. R. 1069, 4882
Miller, C. A. 2399, 4853
Miller, D. A. 3710
Miller, G. E. 4069
Miller, G. J. 2544
Miller, G. L. 4907
Miller, G. W. 2227
Miller, L. K. 365
Miller, M. C. 2194, 4156, 5105
Miller, P. F. 3280
Miller, P. L. 2546
Miller, R. 532
Milligan, R. H. 3301, 3973
Millot, P. 5138
Mills, G. D., Jr. 4588
Mills, J. 3639
Mills, L. R. 1687, 5003
Mills, P. S. 2546
Mills, R. B. 230, 1982
Milne, D. H. 1150
Milne, R. G. 4418
Milner, J. E. D. 5076
Milner, R. J. 3314, 3315, 3316, 3342
Milošević, B. 4931, 4935
Milstead, J. E. 1193
Minassian, M. E. Ter- 397
Minasyan, M. E. Ter- 2215
Minder, I. F. 1572, 4374
Minett, W. 3007
Ministry of Agriculture, Fisheries and Food, United Kingdom 571, 1028, 1148, 1451, 1483, 1494, 1533, 1897, 2329, 2358, 2635, 2804, 2822, 2885, 3093, 3105, 3106, 3150, 3193, 3218, 3221, 4195, 4294, 4297, 4298, 4396
Ministry of Agriculture, Jordan, Plant Protection Research Section 4899
Minks, A. K. 3475, 3476, 3614
Minnick, D. R. 1398, 1399
Minshawy, A. M. El- 583, 1107, 1385, 1495, 1790, 3178, 3179, 4014
Minyaĭlo, V. A. 3922
Minyard, J. P. 3958
Minyard, J. P., Jr. 3977
Miquel, J. 2434
Miralles Císcar, F. 1206
Miranda Colín, S. 4332
Mirsawi, D. H. El- 1806
Mirsawi, H. D. El- 5, 418, 1003
Mirzoyan, S. A. 2209, 2218
Mishra, M. D. 4266
Mishra, R. C. 1638, 1848
Mišíková, S. 1188
Miskimen, G. W. 5030, 5031
Miskus, R. P. 1614
Misra, B. C. 4261
Misra, D. S. 2135, 4003

Misra, S. S. 5256
Misra, U. S. 3235
Missonnier, J. 1921, 3116
Mistric, W. J., Jr. 1527, 1949, 5170
Miszczak, M. 3578
Mital, V. P. 724, 1550
Mitchell, E. B. 1943
Mitchell, E. R. 1693, 1738, 1797, 4132, 4656
Mitchell, H. K. 340
Mitchell, R. 386
Mitchell, W. C. 1031
Mitchell, W. G. 4976
Mitić-Mužina, N. 488
Mitlin, N. 1345, 3500, 4080
Mitri, S. H. 2013, 2014, 2833, 2834
Mitrofanov, V. I. 956, 963, 1261, 2092
Mittler, T. E. 426, 3587, 5047
Mityaev, I. D. 2617, 2618
Miura, K. 4898
Miyabara, R. Y. 253, 2141, 3061
Miyahara, K. 520, 521, 1044, 1420, 1421, 3698
Miyahara, M. 756
Miyahara, Y. 3536
Miyakawa, T. 736
Miyashita, D. H. 3419
Miyashita, K. 3518, 3559
Miyata, T. 1232, 2070, 2486, 2943, 4958, 4977
Miyazaki, M. 2089
Mizumati, M. 1044
Mizuta, H. 1044
Mladinov, L. 4932
Moawad, G. M. 4095, 4120, 4121, 4129, 5106
Mochida, O. 1285
Modi, B. N. 1012, 4229
Moeck, H. 5199
Moericke, V. 2775
Moftah, E. A. M. 3802, 3803
Mohamed, M. I. 1380
Mohyuddin, A. I. 5075
Moiseev, E. G. 171
Moiseeva, N. V. 4744
Moisescu, D. Emică- 5233
Moiz, S. A. 4198
Moldenke, A. R. 4630
Moles, J. L. Ripollés 3095, 3757
Moll, J. N. 3210
Möller, F. W. 1996, 3432
Möllhoff, E. 5041
Molnár, J. 1084
Moloo, S. K. 985
Monadjemi, N. 15, 908
Monge C., J. 4352
Monge, J. 1512
Monro, H. A. U. 2038
Monro, J. 3911
Monroe, R. J. 4593
Monsarrat, P. 240, 3902
Monsion, M. 734
Monteiro, D. A. 1497
Monteiro Guimarães, J. 2652
Montes, M. 2260
Montgomery, M. E. 2986
Montoya, R. 669
Monty, J. 4318
Moody, D. S. 2201
Moody, R. 4339
Mookherjee, P. B. 1558, 1976
Moon, M. W. 3398
Moore, B. P. 3140, 4237
Moore, G. E. 2445, 2896, 3361
Moore, I. 4926
Moore, P. A. 3532, 3533
Moore, S. 2446
Moore, S. G. 1069, 4882
Morales, A. 1681
Morales-Agacino, E. 1035, 2984
Morales Martin, M. 2984
Moran, V. C. 3257
Mordue, W. 2239, 4686
Moreau, J. P. 1333, 1939
Moreno, A. Alfaro 3686, 4745, 4771
Moreno, D. S. 3060. 4624, 5042
Moreno Vázquez, R. 941, 3748, 3751, 3753
Morgan, C. A. 1738
Morgan, C. V. G. 557, 2773, 4767
Morgan, M. 1307
Morgan, M. E. 4576
Morgan, N. G. 3200
Morge, G. 809
Mori, K. 3471
Moriarty, F. 1227, 3606
Morin, D. 559
Morinaka, T. 4751
Moriya, S. 539, 758
Morrill, W. L. 2696, 3690
Morris, C. L. 5066
Morris, M. G. 3707
Morris, O. N. 26
Morris, R. F. 2598
Morrison, F. O. 1643, 1852, 2985
Morrison, I. K. 2906
Morrison, R. D. 1837, 2671, 5065
Morrison, W. P. 3666
Mortimore, B. W. 1190
Morton, N. 1785
Moser, J. C. 1315, 2648, 4575
Moslehuddin, M. 3699
Moss, C. S. 2028, 2030, 2150, 2412, 2413, 2414, 2415, 2715, 2719
Mostaan, M. 4292
Mostafa, S. A. S. 271
Mostafa, T. H. 3244
Mouftah, E. A. 3248
Mouftah, S. M. 3250, 3798
Mould, H. A. 3853
Moulter, H. J. 152, 550
Mound, L. A. 321
Mourikis, P. A. 933, 1283, 2337, 5134
Moursi, A. A. 1453, 2166, 2167
Moutous, G. 2767
Mouzin, T. E. 2666, 4629
Moyeda, U. J. Garza 2761
M'Sadda, K. 4835
Mudd, A. 5012
Mueller, A. J. 382, 3782, 4821
Muesebeck, C. F. W. 1014
Mufaddi, S. 4902, 4904, 4905
Muir, C. M. C. 5259
Mukerjee, A. B. 4862
Mukerjee, S. K. 2066
Mukerji, M. K. 18, 19, 5104
Mukharji, S. P. 2135, 4003
Mukherjee, A. B. 1804, 2660
Mukherjee, C. 2143
Mukherjee, D. 1906
Mukhitdinova, S. M. 5088
Muldrew, J. A. 2098
Mulhern, B. M. 2491
Mullen, M. A. 5032, 5033
Müller, F. P. 1996
Muller, H. J. 3934
Müller, H. P. 603
Müller, H. W. K. 5089
Müller, W. 1904
Muma, M. H. 187, 188, 482, 585, 1099, 2094, 2636
Mumcuoglu, Y. 4073
Mumma, R. O. 1621, 2061, 4085
Mundiwale, S. K. 2278
Mundy, D. E. 4008
Munger, F. 3062

Municio, A. M. 27, 2536, 4572, 4599
Munk, W. J. de 3307
Munroe, E. 2511
Munshi, G. H. 3252, 3620
Munshi, G. L. 2634, 2733
Münster-Swendsen, M. 4832
Munting, J. 2972, 4554
Murai, N. T. 1500, 1941, 5130
Muraleedharan, D. 1302
Muranaga, H. 767
Murayama, D. 5215, 5216
Murdie, G. 3913
Murdock, L. L. 2640, 2641, 4200
Murguido, C. 2845, 3262
Murphey, M. 177
Murphey, R. K. 4581
Murphy, D. H. 1772
Murray, C. L. 5065
Murray, R. D. H. 1300
Murtaza, M. 3180, 3181
Murthy, K. S. R. K. 3858
Murtuza, S. M. 2196
Murugesan, S. S. 3234
Murusidze, G. E. 657, 5173
Muryama, D. 618
Muschik, G. M. 2200, 2542
Mustafaeva, T. M. 1329
Mustafee, T. P. 2828
Mustea, D. 131, 2282, 3936
Mutalikdesai, K. S. 5101
Muthu, M. 2191, 4643
Mutuura, A. 2511
Muzafarov, S. S. 4700, 4701
Muzaffar, N. 3123
Mužina, N. Mitić- 488
Myartseva, S. N. 457, 995, 997
Myburgh, A. C. 541
Myers, J. 3029
Mynhardt, M. J. 314
Myrtle, J. F. 2926, 2927
Naby, A. A. El- 1744, 1768, 3469, 4810
Nachtigall, W. 4137
Nadal, J. 4015
Nadim, A. L. 1907
Nadvornyĭ, V. G. 47
Nagai, K. 518
Nagano, M. 529, 530
Nagaraja, H. 3121, 4039
Nagaraju, S. 77
Nagarkatti, S. 3121, 3268
Nagasawa, S. 3059
Nagashimada, Y. 767
Nagata, T. 539
Nagata, Y. 529
Naggar, M. Z. El- 1864, 3151
Naguib, M. A. 648, 1072, 3804, 4764
Nagy, B. 1900
Nahal, A. K. M. El- 271, 1422, 1423, 1424, 1449, 1912, 1913, 1923, 2735, 2787, 3231, 3929, 4269, 4401, 4592, 4748
Nahhas, M. El- 3777
Nair, K. S. S. 360, 606, 3023
Nair, M. P. B. 1888
Nair, M. R. G. K. 940, 1228, 2737, 2942, 2944, 3220
Nair, R. B. 545
Nair, R. R. 3310
Naka, K. 522
Nakahara, T. 928
Nakamura, H. 928, 1044, 3019, 3020
Nakamura, K. 3559
Nakamura, T. 2487
Nakamura, Y. 1419
Nakashima, K. 1419
Nakashima, M. 1501
Nakashima, T. 4563
Nakashima, Y. 1097, 1559
Nakasuga, T. 1200
Nakasuji, F. 2297, 2730
Nakata, M. 517
Nakayama, I. 3059, 3396
Nakazawa, H. 4888
Nakhla, N. B. 1364
Namura, H. 1998
Nandanan, M. D. 333
Nandra, K. S. 4534
Nanu, N. 690
Napompeth, B. 1031
Nappi, A. J. 3364
Naqvi, S. N. H. 4951
Naqvi, S. T. H. 2198
Narayanasamy, P. 2739
Narchuk, Ė. P. 399
Nardon, P. 2183
Nartshuk, E. P. 399
Narzaeva, M. K. 4188
Narzikulov, M. N. 859, 2611
Naser, I. B. 1443
Nash, R. F. 154
Nash-Wortham, J. 3285
Nasr, A. Aboul- 28, 36
Nasr, E. A. 211
Nasr, E. S. A. 1372, 1503, 4095, 4120, 4121, 4129, 5106, 5153, 5169
Nasr, S. Abul- 648, 1072, 2295, 2728, 2729, 3238, 3680, 3788, 3804, 4191, 4495, 4496, 4497, 4764, 5061
Nassar, M. E. S. 4647, 5240
Nassar, S. 2922
Nassar, S. G. 2921
Nassif, F. 1372
Nassif, F. M. 4982, 5153
Nasu, S. 3163
Natcheff, P. D. 957
Nath, D. K. 1906
Nath, J. 22
Naton, E. 1125, 2772, 3736
Naudé, T. W. 1591
Nault, L. R. 501, 1701, 3160
Navon, A. 4569
Nawrocka, B. 3580
Nayanov, N. I. 4240
Nazer, I. K. 2059
Nazmi, N. H. 4063
Neacsu, P. 4153
Neacşu, P. 4833
Neal, T. M. 2243, 3129, 3654
Needham, P. H. 2205, 3410, 5242
Neel, W. W. 911, 3453, 3819, 4880
Nef, L. 3270
Neff, A. 2600
Neff, S. E. 1315
Negrobov, O. P. 401
Negru, Ş. 663
Neiman, E. L. 3171
Nel, J. J. C. 72, 4727
Nelson, D. R. 8
Nelson, F. R. S. 1845
Nelson, S. O. 256
Nemec, P. 4244
Němec, V. 1718, 1729
Nemirovsky, N. V. de 2741
Nenon, J. P. 4772
Nepesova, M. 996
Nesbit, D. P. 5112
Nesbitt, B. F. 2543, 5164
Neser, S. 1027
Nessler, N. 3497
Nesterenko, N. I. 623
Nesterov, Yu. B. 5157
Nesti, V. 2187, 2488
Nettles, W. C. 154
Nettles, W. C., Jr. 4082
Neuffer, G. 2202
Neumark, S. 3795
Neves Evaristo, F. 4817
Neville, A. C. 325, 344

w South Wales Department of Agriculture, Entomology Branch 3237, 4192, 4193, 4302, 4325, 4693
wburgh, R. W. 916, 1704
wland, L. W. 1651
wman, W. 5148
wton, I. 3414
g, K. Y. 1910
guyen Thanh-Xuan 3457, 4074
chols, P. R. 3453
cholson, A. H. 4560
ckel, J. L. 1359
ckle, D. A. 2243
ckle, W. R. 3365
eh, M. 3108
elsen, M. A. 1642
elsen, M. G. 2684
elsen, P. M. 4854
elson, M. W. 3709, 3711, 4284
ielson, R. A. 2532
ielsson, R. J. 445
iemann, E. 3046
iemczyk, E. 562, 3578
iemczyk, H. D. 1435
ieto Calderón, J. 1094, 3202, 3725
ieto, J. 174
igam, B. S. 3865
igam, P. C. 1636, 3999
igam, P. M. 209, 1114, 1127, 3770
iidome, I. 592
ijholt, W. W. 1731
ikiforov, G. M. 1151
ikishina, E. S. 3806, 4613
iklas, O. F. 1674
ikolova, V. 487, 1926
ikolova, W. 456, 1926
iku, B. 2583
iku, B. B. 4625
ilov, G. I. 167, 168
ilpanit, P. 539
isa, M. 4402
isbet, I. C. T. 3409
ishida, T. 1031
ishino, T. 529
ix, H. A. 3371, 3532, 3533
ixon, G. E. J. 2087
iyazov, O. D. 546
oble, L. W. 1525
ocke, H. 3462
öcker-Wenzel, K. 370, 3420
oda, M. 522, 1418
oe-Nygaard, B. 307
Nogami, T. 1501
Noguchi, H. 517, 3053
Noh, Y. T. 2655, 3642
Noirot, C. 3589
Nolte, D. J. 433, 434, 983, 4202
Nomeir, A. A. 3796
Nonveiller, G. 5151
Noordink, J. P. W. 3016, 3614
Nord, J. C. 226
Nordin, G. L. 1187, 3339
Nordlund, D. A. 3525
Norman, A. W. 2926, 2927
Norris, D. M. 1164, 1358, 4598
Norris, J. T. 1695
Northeastern Forest Experiment Station 4829
Northover, J. 2600
Norton, G. A. 2246, 3382
Notz P., A. 1010
Nour El-Dine, A. M. 2847
Nourse, H. C. 4336
Novák, I. 828, 4179
Novák, V. 703
Novák, V. J. A. 1719, 4685
Novales Lafarga, J. 4866
Novoded, M. F. 3694
Novotný, J. 121, 122
Novozhilov, K. V. 277, 2288, 3658
Nowakowski, J. T. 4059
Nowakowski, Z. 3578
Nowicki, H. G. 2926, 2927
Nowock, J. 895, 1691
Nowosielski-Slepowron, B. J. A. 2109
Ntifo, S. E. A. 2109
Nübler-Jung, K. 4579
Nunes, W. de O. 3240
Nuorteva, M. 1291, 1570
Nuttall, M. J. 4238
Nutting, W. L. 485
Nye, I. W. B. 1051
Nygaard, B. Noe- 307
Nyland, G 554
Oatman, E. R. 604, 3490
Oberlander, H. 2994
O'Brien, C. W. 2421
Obuchowska, D. 5258
Ochoa R., N. 2743
Odak, S. C. 1841, 2316, 3695
Öden, T. 4521
Odier, F. 2431
Odikadze, V. V. 5178
Odriozola, J. M. 27, 2536
Oehlke, J. 815
Oga, Y. 381
Ogden, R. L. 3175
Ogibin, B. N. 2400
Ognanovici, D. 155
Ogunlana, M. O. 3775, 4793
Ohinata, K. 2566
Ohnesorge, B. 2723, 2726
Ohno, M. 1344, 2189
Oho, N. 4887, 4888
Ohtaki, T. 3471
Ohwaki, T. 4724
Ojima, M. 573
Okada, M. 4676
Okada, T. 737, 1182
Okamoto, D. 2428, 4676, 4752
O'Kane, W. C. 2298
Okasha, A. Y. K. 899, 2568
Oksanen, H. 4037
Oku, T. 4139
Okuhara, K. 615, 1175
Okul, A. 2323, 4460, 4463, 4464
Okuma, C. 4722
Oldfield, G. N. 2128
Olechowicz, E. 2694
Olechowicz, F. 100
Olin, J. F. 2050
Oliva, F. Limón de la 3211, 3976, 4311
Olivares M., C. A. 2713
Oliveira, D. A. 3811
Oliveira Freitas, A. de 1887
Oliveira Nunes, W. de 3240
Oliver, P. G. 48
Oliveria, F. L. 1955, 1956
Olmert, I. 4969
Olmert, Y. 4421
Oloffs, P. C. 4021
Olofsson, E. 1793
Oloumi-Sadeghi, H. 4924
Olson, F. J. 3137
Olson, G. A. 4706
Olson, W. H. 1468, 1750
Oma, E. A. 5221, 5222
Omar, E. E. 3244
Omi, E. M. 4412
Omorov, É. O. 3530
Önçag, G. 4473
Ondřej, M. 3309
O'Neal, J. 1822, 4695, 5058
O'Neil, L. C. 5194
Öngören, K. 4447
Oniki, M. 119
Onillon, J. 576
Onillon, J. C. 576, 4225

Onizuka, S. 1044
Onsager, J. A. 5128
Opanasenko, G. S. 1085
Organización de las Naciones Unidas para la Agricultura y la Alimentación 5189
Orion, T. 4716
Orlando, A. 573, 4018, 5107, 5152
Ormières, R. 71, 4875
Orphanides, G. M. 477
Orphanidis, P. S. 5134
Ortega, A. 2719
Ortega, A. Chacón 1102
Ortega C., A. 2030, 2413
Ortiz H., J. J. 2761, 2762
Osborn, A. W. 3665, 4734
Oshima, S. 2515
Osikawa, M. 757, 767
Osisanya, E. O. 5181
Osman, A. A. 2342, 2789
Ostafichuk, V. G. 3072
Ostapenko, A. N. 168
Ostmark, H. E. 3594
Ostrovskii, N. I. 2702
O'Sullivan, D. F. 4144
Ota, A. K. 4736
Otaci, C. 2954, 4475
Otero León, M. 3755
Otero León, M. I. 1103
Otokozawa, T. 3396
Otto, D. 821
Otvos, I. S. 1836, 1853
Ouattara, S. 1936, 1937, 1938
Ouchi, Y. 1427
Outram, I. 1170, 1589, 4854
Overmeer, W. P. J. 386, 3491, 4112
Owebs, J. M. 1962
Owen, D. 1637
Ozaki, K. 3484, 3485
Özar, A. I. 4494
Özdemir, N. 4441
Pacheco M., F. 4352
Pack, D. E. 2930
Padgham, D. E. 1365
Padilla, R. C. 1681
Padma, R. 4371
Padmanabhan, C. 3234
Paetzold, D. 826
Page, M. 692, 804
Pagliai, A. M. Bonvicini- 4070
Paik, W. H. 2586, 2651
Pais da Fonseca Ferrão, A. 2252
Pais, M. H. 3217
Pajni, H. R. 3096
Pal, R. 4110, 4111
Pal, S. K. 493, 4504, 5093
Palacios R., F. 2719
Pălăgeşiu, I. 193
Pálfi, D. 567
Palka, J. 4581
Pallesen, G. 390
Palma, J. A. 1509
Palmer, B. H. 4949
Palmer, D. L. 4607, 4815
Palmer-Jones, T. 3712
Palut, D. 3570
Pană-Beratlief, Z. 1186
Pană, M. 3931
Panchabhavi, K. S. 5101
Pande, Y. D. 1416, 1444
Pandey, N. D. 2111
Pandey, R. S. 448
Pandey, S. N. 2055
Pandey, T. N. 3486
Pandey, V. 3719
Pandian, T. J. 910
Pangaldan, R. 2171
Pankanin, M. 328
Panov, A. A. 1017
Pant, N. C. 2142, 5010
Panwar, M. S. 4259
Panwar, V. P. S. 4252
Papillon, M. 1814, 1815
Papp, J. 2267, 2503, 3436
Papp, L. 5074
Papworth, D. S. 5209
Paramsothy, S. 3696
Parasram, S. 5110
Pardey, A. E. Busbillo 2781
Paredes, P. P. 2632
Parekh, P. R. 1140
Parent, B. J. 3199
Parent, B. J. P. H. 4293
Paris, D. F. 1611
Parish, R. C. 4968
Park, J. S. 1425, 2655
Park, T. 4142, 5036
Park, W. C. 2824
Parker, J. H. 4921
Parma, B. S. 2066
Parpia, H. A. B. 4643
Parr, J. F. 3979
Parra, J. R. P. 1497
Parrott, W. L. 1133
Pascal, M. 884
Paschke, J. D. 1185
Paşcovici, V. 690
Pascual, J. Blasco 3211, 3976, 4311
Pashina, L. S. 2627
Pass, B. C. 1448, 3666
Passilongo, R. L. 1123
Passlow, T. 4276
Passos, C. F. dos 4638
Passos de Carvalho, J. 2147, 2500
Patana, R. 3927
Patel, H. K. 2810
Patel, J. C. 1847, 2662, 3622
Patel, J. K. 2662, 3622
Patel, N. G. 37
Patel, R. C. 1847, 2662, 3622
Patel, R. K. 1045, 3169, 3700
Pathak, M. D. 1620, 1872, 4260, 4262
Patkar, M. B. 4346
Patočka, J. 1316, 2864
Pătrăşcanu, E. 4776
Patrick, C. R. 5176
Paulian, F. 83, 130, 907, 2293, 3561, 3931, 5233
Pawar, V. M. 4422
Pawłowska-Tochman, A. 5258
Pawłowski, J. 4057
Payne, C. C. 3876
Payne, J. A. 1890, 2172, 4290
Payne, T. L. 1955, 1956, 2201
Pazouki, A. 2983
Peace, M. B. 4141
Peacock, J. W. 4596
Peakin, G. J. 2683
Pearce, P. D. 4107
Pearman, G. C., Jr. 1979
Pedigo, L. P. 148, 1489, 3775, 4793
Peet, W. B., Jr. 111
Pegazzano, F. 189, 224, 2786, 2844
Pegn, C. C. 1112
Peiu, M. 4776
Pekkarinen, A. 4032
Pekyer, Ş. 4463, 4464, 4465
Peleg, B. 1358
Pelerents, C. 892, 1196, 1747
Pellegrini, G. 2067
Pelvat, B. 3190
Peña G., L. E. 2254
Peña, J. M. Fernández 3756
Pendleton, I. R. 4886, 5212
Peng, C. C. 608
Pengelly, D. H. 4636
Pentz, S. 1289
Peplow, A. J. 3548
Peracchi, A. L. 3240
Percy, J. 729
Peregrine, D. J. 2040
Pereira de Arruda, G. 1887

ereira, N. P. de 982
erekrest, O. N. 3071
erez, C. T. 2607
érez Ibáñez, T. 4774
érez, P. Cabezuelo 172, 173, 1083, 1090, 1458, 3203, 4775
Peringer, P. 4895
Perju, T. 537, 1128
Perkins, W. D. 1803
Perquin, F. W. 1025
Perron, J. M. 336, 447, 752, 1603, 2035
Perron, J. P. 1478
Perrott, D. C. F. 4251
Perry, M. M. 901
Perry, T. 3826
Persin, S. A. 43, 2042
Persson, T. 3539, 4096
Perti, S. L. 3865
Perttunen, V. 4037, 4632
Perutík, R. 4175, 4185
Peswani, K. M. 1918
Pętal, J. 100, 2677, 2679, 2693, 2694
Peteanu, S. 131
Peterle, T. J. 4980
Peters, D. 1994, 5214
Petersen, B. Bejer- 1966, 1967, 3407, 5180
Petersen, G. 816
Petersen, M. 4691, 4692
Peterson, J. L. 2495
Petrašiūnas, M. 3952
Petrauskas, V. 3938
Petreanu, F. 552
Petrowitz, H. J. 1021
Petrusenko, A. A. 3071
Petrushov, A. Z. 766
Pettersson, J. 1432, 1433, 1434, 2133
Peyer, B. Schwieter- 1605
Pfaender, F. K. 3980
Phalak, V. R. 2299, 3125
Phang Sew 5112
Philippe, R. 2551, 3456
Philips, F. M. 4510
Philipson, B. 917
Phillips, D. H. 3285
Phillips, F. T. 1819, 2244, 4531
Phillips, J. H. H. 4158
Phillips, S. 4278
Phillipsen, W. J. 3449
Philogene, B. J. R. 4677
Philpott, D. E. 2434
Phinheiro, R. V. R. 1109
Phokela, A. 1120
Piana, A. 3493
Pichon, Y. 888, 4097
Pick, F. E. 436
Pickford, R. 1365
Piekarczyk, K. 1253, 3087, 3088, 3584
Pienaar, W. J. 547
Pienkowski, R. L. 1582, 1838, 4627
Pierce, H. F., Jr. 1145
Pierce, W. H. 4306
Pierrard, G. 1362, 1521, 3616, 3784
Pieters, E. P. 2836, 4928
Piggott, C. J. 5112
Pikin, B. R. 321
Pileckis, S. 3942
Pilon, J. G. 2242
Pimentel, D. 1446, 4927, 5148
Pimentel, P. 2285
Pinamonti, S. 1697, 4684
Piñeiro, A. 27
Pinet, C. 3747
Pinnell, R. E. 4501, 4915
Pinnock, D. E. 1193
Pinto, O. López 2792
Pipa, R. 3002
Piper, G. L. 3146
Pirčová, E. 882
Pirone, T. P. 730, 4143
Pisarski, B. 2689, 3107
Pitelli, R. A. 1123
Pitkin, B. R. 2982
Pitre, H. N. 89, 3160, 4232
Plant Protection Research Section, Ministry of Agriculture, Jordan 4899
Plantevin, G. 2183
Platner, G. R. 604, 3490, 4644
Plaut, H. N. 1886, 2002, 3027
Plewka, T. 777
Plich, H. 4384
Plugaru, S. G. 3073
Plumley, J. K. 269, 1802
Pluot, D. 4585
Plus, N. 2552
Poddubnyĭ, A. G. 3080
Podgwaite, J. D. 4878
Poe, S. L. 3812, 4000
Pogacnik, J. 2488
Poinar, G. O., Jr. 1993, 3363, 3925, 4881
Pointel, J. G. 3850
Pointing, P. J. 1286
Poitout, S. 1141, 2553, 3489
Polania, I. Zenner- 2633
Polivanova, E. N. 5086
Polizu, A. 2820
Polk, K. L. 715
Polles, S. G. 3721, 3722, 4290
Pollmer, W. G. 2723
Polovinchikova, A. I. 2015
Polson, A. 2910
Polyakov, I. Ya. 4811, 5263
Pomerantz, I. H. 3985
Ponmarenko, A. V. 46
Ponnaiya, B. W. X. 1046
Pont, A. C. 1048, 4675
Ponton, L. F. 2333
Pooler, J. L. 1346
Poonacha, K. B. 1230
Poorter, E. P. R. 1851
Popescu-Gorj, A. 2222
Popov, A. I. 50
Popov, A. V. 2173, 3510
Popov, C. 83, 907, 2282, 3561
Popov, P. 120, 140, 2279
Popov, V. 725
Popova, A. A. 4372
Popova, A. I. 569
Poppi, R. G. 2543, 5164
Porter, C. C. 1397
Pospelov, S. M. 51
Post, L. C. 4084
Postali Parra, J. R. 1497
Postner, M. 708
Poston, F. L. 1489
Pottinger, R. P. 2446
Povolný, D. 402, 403, 864, 3239, 4805
Powell, V. H. 3140
Powles, M. A. 352
Poznanina, L. P. . 3920
Prabhu, V. K. K. 1302
Prabucki, J. 684
Pradhan, S. 1046, 1067, 4326
Prakasa Rao, P. S. 4263, 4264, 4265
Prakash, N. 4792
Prakash Sarup 499, 2808, 2935, 2936, 4408
Pramanik, L. M. 4333
Prasad, H. 4164
Prasad, S. K. 1551, 2813
Prasad, V. 2108, 2270
Prasada Rao, R. D. V. J. 4267
Prates, H. S. 652
Predescu, G. 155
Predescu, S. 155, 552
Prędki, S. 562
Preiss, F. J. 2484
Prem Kishore 142, 526
Preobrazhenskiĭ, V. V. 1130
Prescott, J. A., III 919
Presley, J. T. 3793

Press, J. W. 34, 1633, 4713, 4936, 5022
Prest, D. B. 3883
Pretorius, L. M. 146
Prevett, P. F. 1986
Price, P. W. 1334, 1779
Příhoda, A. 4181
Prikhod'ko, Yu. I. 169
Prints, E. Ya. 3070
Prior, R. N. B. 4720
Priore, R. 1496
Pristavko, V. P. 79
Procter, C. H. 1568
Procter, P. J. 4767
Proctor, D. L. 1347
Proctor, R. R. 2037
Proeseler, G. 3304, 3867
Prokhina, N. A. 52
Prokopy, R. J. 1321, 2162, 2608, 2775, 3512
Prommintara, M. 4309
Proshold, F. I 249
Prota, R. 3556
Proude, C. K. 5103
Prout, T. 4909
Prouty, R. M. 2491
Proverbs, M. D. 3916, 4114
Pruess, K. P. 4011
Pruszyński, S. 1001, 3579
Pschorn-Walcher, H. 811, 1534, 2871, 5068
Pulman, D. A. 5242
Pulpán, J. 3368
Punj, G. K. 1551, 2877
Punja, N. 2562
Punjabi, A. A. 2195
Purrini, K. S. 4933
Purushothaman, G. 619
Pushkareva, M. D. 2019
Putnam, T. B. 4576
Puttler, B. 2673, 3531
Pye, A. E. 1997
Qayyum. H. A. 3543
Quaglia, F. 4728
Queinnec, Y. 31
Quennedey, A. 3589
Quentin, R. M. 1668
Quero, E. M. 3260
Quezada, J. R. 1391, 1578, 1584, 2757, 4916
Quick, M. P. 4008
Quinlan, J. 4996
Qureshi, J. I. 3543
Qureshi, M. S. 4198
Raafat, A. M. 4190
Raalte, G. S. Van 2033
Raatikainen, M. 1332, 4034, 5084
Rabasse, J. M. 1392, 4429
Rabb, R. L. 5059
Raccah, B. 2119, 5008
Rack, G. 1828
Rácz, U. V. 3154
Rácz, V. 3644
Radcliffe, E. B. 1632
Radcliffe, J. E. 4757
Rademacher, B. 1211
Radice, M. 2188, 2482
Radjabi, G. 1174, 1884, 2961
Radošová, Z. 4172
Rădulescu, E. 5227
Radwan, H. S. 1590, 1818, 1930, 2146, 3421, 3422, 4605
Rafajko, R. R. 3893
Rafes, P. M. 39, 97, 2855, 4375
Raffensperger, E. M. 4626, 4627
Rafie, M. S. El- 1981, 2417, 2418, 2953, 3855, 4026, 4027
Ragab, F. Y. 3771, 3774
Ragusa, S. 3451
Rahalkar, G. W. 896
Rahman, H. A. Abdel- 1581, 3298, 3996, 3997
Rahn, R. 1320, 1711, 3005
Rai, B. K. 3167
Rai, L. 1951, 1983, 2016, 2017, 3164
Rai, S. D. 616
Raich, K. V. 320
Raimbault, J. P. 678
Raina, A. K. 2406, 5147
Raine, J. 1273
Rainey, R. C. 3601
Rajagopal, D. 1178
Rajamani, S. 4263
Rajamma, P. 3168
Rajendra Gupta 3149
Rakshpal, R. 3008
Ralston, D. F. 4629
Ram, R. D. 2315
Ram, S. 2840
Ramakrishnan, N. 4422
Ramamurthy, T. G. 515
Ramaseshiah, G. 747, 1529, 3122
Ramdas Menon, M. G. 609
Ramirez, B., W. 2649
Ramírez Ch., J. L. 2712
Ramírez, E. A. 2806
Ramiro, Z. A. 3811
Ramlogun, H. G. S. 214
Ramos, J. A. 2536
Ramos, P. 3216
Ramsey, D. 1510
Ramu, M. N. V. 77
Ramzan, M. 132
Ranaweera, D. J. W. 5174
Rand, J. R. 5045
Randell, R. 3198
Raney, H. 144
Raney, H. G. 2671, 2769
Ranga Rao, P. V. 1066
Rangarajan, A. V. 4358
Rankin, M. A. 61
Rao, B. R. Subba 312, 2085
Rao, H. D. 2299
Rao, H. N. M. 1699
Rao, K. D. P. 2136
Rao, P. S. P. 4263, 4264, 4265
Rao, P. V. R. 1066
Rao, R. D. V. J. P. 4267
Rao, V. P. 1529, 2299, 2674, 4753
Rao, Y. S. 4264, 4265
Rapley, P. E. L. 415
Raros, L. A. Corpuz- 4557
Rashid, F. F. 1745, 3092
Rashid, R. 4637
Rashid, S. 4951
Raske, A. 1673, 2508
Raske, A. G. 1172, 1672
Rasmy, A. H. 558, 1098, 1891, 2782, 2784, 2841, 2945, 3724, 3797, 4635, 4938
Rassoulian, G. H. 2145
Ratanova, V. F. 2889
Rathnaswamy, R. 723
Rathore, V. S. 1045
Rathore, Y. S. 507, 616, 1866
Rattan Lal 499, 2808, 5256
Rauch, F. 4589
Raulston, J. R. 5026
Rausch, H. 4553
Rauscher, H. 1616
Rauscher, S. 5014
Rautapää, J. 1863, 4704
Rautapää, M. 59
Rawat, R. R. 191, 208, 620, 1012, 1360, 3155, 3157, 3233, 3235, 3704, 4229, 4740
Rawther, T. S. S. 545
Rayah, El Amin El 369
Raychaudhuri, S. P. 4266
Raymer, W. B. 1567
Razik, J. Abdel- 1934
Razmadze, K. S. 4948
Readshaw, J. L. 4378
Reagan, T. E. 1595
Reardon, R. C. 2672
Reddy, A. S. 5020
Reddy, D. B. 1773, 1774, 3170

Reddy, D. V. R. 233
Reddy, G. 1290, 2957
Reddy, G. P. V. 4515
Reddy, K. V. S. 2448
Redfern, R. E. 4588
Redlinger, L. M. 2875
Reed, D. K. 3888, 4876, 4877
Reed, E. M. 1189
Reed, F. D. 2247
Reed, G. L. 4924
Reed, P. B. 2247
Reed, W. 4812
Reed, W. T. 4105
Reeks, W. A. 4852
Rees, D. 4091, 4092
Reeves, R. G. 4964
Reggi, L. M. de 876, 4099
Regnier, F. E. 3108
Regupathy, A. 515, 723
Reibling, A. 1299
Reich, H. 161
Reichart, G. 1084, 3205
Reichel, W. L. 2491
Reichelderfer, C. F. 2914, 4411
Reid, J. C. 3519
Reimold, R. J. 1650
Reinert, J. A. 1437, 1953, 2304, 3128, 4759
Reinganum, C. 5213
Reisch, J. 1210
Reiss, J. 4414
Reissig, W. H. 4986
Remaudière, G. 1255, 3428
Remillet, M. 2361
Renault, T. R. 4844
Rennels, R. G. 5186
Renwick, J. A. A. 2381
Requena, J. R. 2632
Resnick, C. 4019
Ressl, F. 1313
Retan, A. H. 163
Retief, L. W. 2273, 2274, 4727
Retnakaran, A. 1201, 1580, 2034, 4574
Rettig, N. 331
Reutskaya, O. E. 2916
Revetti, L. M. 1554
Rexrode, C. O. 4831
Reynolds, H. T. 78, 4821
Reznikova, J. I. 2688
Rheenen, H. A. van. 4807
Rhoads, L. 5179
Rhodes, A. M. 607
Rhodes, R. A. 5211
Ribemboim. J. A. 2286
Ribera, A. 27, 4599
Rice, C. P. 4965
Rice, R. E. 78, 4623
Rich, J. E. 3888
Richard, R. D. 2012
Richards, O. W. 5043
Richards, P. G. 1852
Richards, W. C. 2905
Richardson, G. V. 2777
Richardson, J. 3866
Richardson, R. L. 2492
Richburg, R. W. 4966
Richerson, J. V. 2862, 4069, 4666
Richter, D. 820
Richter, G. 823
Ricks, B. L. 332
Ricou, G. 3761
Riddiford, L. M. 1303, 1653, 3463, 3473
Riddle, T. C. 3519
Rider, V. A. 53
Ridet, J. M. 1351
Ridgway, R. L. 3923, 3959, 3960, 4822
Riechert, S. E. 4652
Riemann, J. G. 1742
Rigitano, O. 573
Riighsbright Hermansen, P. 3407
Rikhter, V. A. 1377
Riley, J. 3634
Riley, J. R. 4678
Riom, J. 3356
Ripollés Moles, J. L. 3095, 3757
Rippee, K. P. 2495
Ris Lambers, D. Hille 849, 2379, 4997
Rishi, Z. 2981
Ritchey, S. J. 2046
Ritchie, P. L., Jr. 2669
Ritenour, G. L. 4649
Ritter, M. 3358
Rivard, I. 934, 1655, 2328
Rivero, J. M. del 190, 4308
Rivers, C. F. 3899
Riviello, M. S. 2758
Rizk, G. A. 647
Rizk, G. A. E. M. 3787
Rizk, G. A. M. 642
Rizk, M. 2367
Rizkallah, M. R. 5250
Rizkallah, R. 2847
Rizvi, S. S. A. 2644
Roach, S. H. 3039
Robaux, P. 5002
Robbins, W. E. 1604, 4102
Robel, R. J. 1646
Robert, P. H. 1574, 2430, 3323
Robert, Y. 1392, 4429
Roberts, C. R. 1146
Roberts, D. W. 3327, 3328
Roberts, M. D. 3219, 3568
Robertson, I. A. D. 73, 1940
Robertson, J. 3002
Robertson, J. L. 3994
Robertson, J. S. 3325, 3876, 3878
Robinson, A. G. 315, 3152
Robinson, A. S. 750
Robinson, J. 3617
Robinson, J. F. 1795
Robinson, S. H. 2464, 5016
Robinson, S. W. 1825
Robles, R. R. 2028
Robredo, F. 677, 679
Rocha, M. A. L. da 661
Rochow, W. F. 1561
Rock, G. C. 351, 2327, 3062, 3126
Rockett, C. L. 1279
Rockstein, M. 4079
Rockwood, L. L. 3109
Röder, C. H. 1343
Roderbourg, J. 3102
Rodrigues, M. da C. 3213
Rodriguez Ibáñez, J. A. 3638
Rodriguez, J. G. 409, 978
Rodriguez Sardiña, J. 4866
Roediger, H. 118
Roelofs, W. 5014
Roelofs, W. L. 338, 1306, 2462, 3004, 4659, 4773
Roeper, R. A. 2992
Rogers, D. J. 4718
Rogers, H. 4008
Rogers, P. F. 1403
Rogochaya, L. G. 4249
Rohdendorf, E. B. 2127, 4183
Rohfritsch, O. 4386
Roivainen, O. 1994
Rojo Sánchez, E. 941, 3748, 3751, 3753
Roland, L. Zénon- 1640, 3550, 3609
Rolston, L. H. 3437
Roman, L. 4085
Roman, T. 490
Romankowowa, A. 1253
Romanow, W. 2347
Romaňuk, M. 1720, 4586
Romanyk, N. 667
Romero Leal, J. 1406, 1407
Romero, T. 99
Romoser, W. S. 2225
Ronchetti, G. 446

Rondomański, W. 3572
Roo, L. Goosen-de 2686
Roome, R. E. 2226
Roonwal, M. L. 705
Roppel, R. M. 3494, 3495
Roque, R. 2783
Rosa, D. M. Santa- 2285
Rosa, N. 2374
Rosas, J. E. 2717
Roşca, A. 404, 4540
Rose, A. H. 5201
Rose, D. J. W. 4254
Rose, W. E. 2032
Rosen, D. 1391
Rosenkranz, E. 1562
Rosický, B. 943, 944
Roslavtseva, S. A. 21
Ross, J. G. M. 483
Ross, J. H. 4587
Ross, R. D., Jr. 1217
Rossetto, C. J. 1519
Rössler, Y. 2140
Roth, L. M. 2529
Roth, M. 1769, 1791
Rothert, H. 1617
Roukka, K. 1532, 1593, 1594, 5237, 5238
Roussel, J. P. 3098
Rousset, A. 1276
Routaboul, M. 3714
Roux, J. B. 4364
Rouze-Jouan, J. 1392
Rowell, C. H. F. 431
Rowlands, D. J. 3325
Rowley, W. A. 2101
Roy, J. K. 4259
Roy, S. G. 986
Rózsa, K. S.- 3630
Rubae, A. Al- 1607
Ruber, E. 4022
Rubin, R. E. 322
Rubtsov, I. A. 2622
Ruddiford, L. M. 4687
Rudge, A. J. B. 5209
Rudinsky, J. A. 703, 1307, 1308, 1705, 1732, 3446, 4576
Rudnev, D. F. 223
Rudnew, D. F. 223
Rudzinska, M. A. 1992
Rueda, A. Velasco 3756
Ruelle, P. 1735
Ruesink, W. G. 3387
Rukavishnikov, B. I. 3921
Rumeur, C. Le 1141
Rummel, D. R. 3961
Rupérez, A. 673
Rupf, O. 3185
Ruscoe, C. N. E. 2562
Ruse, J. M. 2090
Rusek, J. 3621
Rusiecki, W. 1235
Russ, K. 3185, 4301
Russell, L. M. 424
Rust, D. J. 176, 555
Rusu, L. 193
Rutter, R. R. 38, 1778
Ruzicka, J. H. A. 801
Ryabov, M. A. 2104
Ryan, M. F. 355, 4142, 4738, 4739
Rycaj, B. 3575
Rygg, T. 2572, 2573, 3241
Ryke, P. A. J. 48
Ryu, J. 252, 2732
Ryvkin, B. V. 843
S.-Rózsa, K. 3630
Saad, A. S. A. 3253
Saad, A. S. A. K. 1071
Saadany, G. B. El- 3752
Saakyan-Baranova, A. A. 572, 4700, 4701
Saba, F. 958
Sabine, B. N. E. 2809
Sabrosky, C. W. 936, 2088
Sacchi, L. 1741
Sachchidananda, J. 4792
Sacher, K. Geering- 1292
Sacher, R. M. 2050
Sackett, W. M. 2492
Sadeghi, H. Oloumi- 4924
Safranek, L. 1303
Safranyik, L. 1171
Saglio, P. 3869
Saguer, J. Carbó 3095, 3757
Sah, B. N. 1024
Saha, J. G. 1642, 4971
Sahni, V. M. 1944, 3251, 3259
Sahota, T. S. 1166, 2987
Sahu, H. R. 3155, 4740
Said, L. El- 1314
Sailer, R. I. 2154
St. Clair, A. D. 2011
St. John, L. E., Jr 2923
St. Julian, G. 2898, 3340
Saito, T. 785, 1232, 1734, 2070, 2486, 2943, 3401, 3957, 4958, 4977
Saito, Y. 3163
Sakaguchi, S. 204
Sakamoto, H. 1175
Sakanoshita, A. 378, 381, 920
Sakurai, Y. 4751
Salam, A. M. Abdel- 1131, 1495, 1526, 1924, 2819, 3771, 3774, 3777, 5145
Salam, F. A. Abdel- 644, 646, 3395
Salama, A. 643
Salama, A. E. 356
Salama, H. S. 57, 67, 186, 498, 510, 584, 593, 1108, 1473, 1474, 1477, 1707, 2706, 2707, 2708, 2765, 2790, 3521, 3551, 3746, 3759, 4345
Saldarriaga Vélez, A. 180, 2781
Saleh, M. R. 593, 1108, 1477, 2790, 3759
Saleh, M. R. A. 3763, 3764, 4140, 4331
Salem, S. A. 510
Saliba, L. J. 2517, 4616
Salih, H. S. A. 2811
Salt, G. 5007, 5045
Saltzman, S. 3984
Salunkhe, D. K. 2069
Samaĭlova, N. E. 2614
Samedov, N. G. 1376
Samish, M. 4989
Samol, B. 625
Sampaio, A. S. 573, 5107, 5152
Sampayo Fernández, M. 1458, 3727
Samperio, J. G. 2755
Samšiňáková, A. 1188
Samsoniya, Ts. I. 2946
Samuelson, G. A. 2958
Samus', V. I. 1026
Samy, O. 4038, 4357
San, S. 4480
Sanborn, J. R. 2474
Sánchez de la Nieta, J. I. Fernández 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Sánchez de la Nieta, J. M. Fernández 158, 178, 1082, 1088, 1089, 1095, 1096, 3196, 3197, 3201, 3208, 3742
Sánchez-Diedma, J. M. González 4778
Sánchez, E. Rojo 941, 3748, 3751, 3753
Sanchez, F. F. 524, 594, 2807
Sánchez, J. Mártinez 4778
Sánchez, L. Tomás 1406, 1407
Sand, P. F. 1652, 2496
Sanderlin, R. S. 1563
Sandhu, G. S. 2788
Sandifer, S. H. 4943
Sandner, H. 3571
Sandoval, J. R. 2806
Sandquist, R. E. 2862
Şandru, I. 131, 1946
Sands, W. A. 2680

Sane', S. 4900, 4901, 4906
Sanin, Yu. V. 5123
Santa Maria, H. C. 2488
Santa-Rosa, D. M. 2285
Santi, R. 2067, 2482
Santis, L. De 1032
Santorini, A. P. 2359, 5135
Sanz, M. Bricio 3095, 3757
Sapozhnikova, F. D. 380
Sarafis, V. 1296
Sardana, M. G. 138
Sardar, K. K. 3810
Sardiña, J. Rodriguez 4866
Sarin, K. 334
Sáringer, G. 1903
Sarli, C. A. 2488
Sarmiento, R. 2497
Sarup, P. 499, 2808, 2935, 2936, 4408
Sasaba, T. 367, 2730, 5096
Sasaki, Y. 3484, 3485
Saska, J. 891
Sass, O. 1238
Sastradihardja, S. I. 2079
Sato, K. 2064, 4950
Satpathy, J. M. 2709
Sattelle, D. B. 888
Sattler, K. 3441
Sauer, H. A. 1647
Sauer, J. R. 1777, 4090
Săvescu, A. 69, 918
Savoĭskaya, G. I. 2621
Savopoulou, M. C. 32
Savory, J. G. 3285
Sawada, T. 1305
Sawaf, S. K. El- 990, 1685, 2343, 2705, 3178, 3179, 3215, 3433
Sawall, E. F., Jr. 348
Saxena, D. K. 2314, 3157, 3233
Saxena, H. P. 609, 1120, 2813
Saxena, P. 2072
Saxena, R. C. 2661
Saxena, S. C. 334, 2072, 5043
Sayed, M. M. El- 1934, 4327
Sazonov, A. P. 2916
Schaber, B. D. 4061
Schaefers, G. A. 2986, 4766
Schalk, J. M. 3175, 3229, 4224, 4400
Schechter, M. S. 2450
Scheibner, R. A. 144
Scheinpflug, H. 139
Scheltes, P. 4429
Schieferdecker, H. 839
Schildknecht, H. 2247
Schlinger, E. I. 3599
Schmelzer, K. 735
Schmialek, P. 4590
Schmidt, H. 3447
Schmidt, K. J. 2053
Schmidt, W. C. 1972
Schmutterer, H. 1827, 3230, 3664, 4213, 4789
Schmutzenhofer, H. 4847
Schneider, A. M. 66
Schneider, D. F. 3465
Schneider, E. L. 1625, 2164
Schoenleber, L. G. 1781
Schönherr, J. 709, 3838, 4840
Schoonhoven, L. M. 5261
Schread, J. C. 1877, 2303, 2850, 2851, 4827
Schreuder, G. D. 2541
Schricker, B. 4972, 4973
Schröder, D. 2871
Schroeder, F. 2605
Schroeder, W. J. 253, 2141, 3061
Schruft, G. 2093, 5116
Schulten, G. G. M. 3846
Schultz, F. W. 309
Schulz, K. R. 1627, 2054, 4023
Schuster, D. J. 1429
Schuster, M. F. 215, 649, 1133, 1134
Schütte, F. 1216
Schutzmann, R. L. 4964
Schvester, D. 676, 3355
Schwalbe, C. P. 268, 4514, 4890
Schwartz, A. 587, 4669
Schwartz, E. 411, 3549
Schwarz, M. 4588
Schwarz, R. E. 235, 4309, 4872
Schweizer, E. E. 4012
Schwenke, W. . 4850
Schwerdtfeger, F. 110, 704
Schwieter-Peyer, B. 1605
Scopes, N. E. A. 4503
Scott, B. A., Jr. 2860
Scott, H. A. 242, 742, 3322, 5218
Scott, J. S. 2208
Scriven, G. T. 4644, 4709
Seabrook, W. D. 6
Sebae, A. H. El- 1071, 1135, 3248, 3250, 3253, 3763, 3764, 3798, 4140, 4348, 4810
Sebae, A. M. El- 4331
Sechriest, R. E. 2673, 3691
Seçkin, E. 4479
Section of Insect Pathology, Academia Sinica 1571
Section of Insect Pheromones, Academia Sinica 713

Šedivý J. 762, 825, 3177, 3564
Sedlag, U. 810
Seefeld, F. 2956
Séguy, E. 5067
Sehgal, S. S. 333, 2545
Sehnal, F. 37, 894, 1721, 1730, 2127, 4101
Seifert, J. 1223
Seki, M. 768, 1044
Sekul, A. A. 3466
Selander, R. K. 3592
Self, R. L. 3263
Selga, D. 2257
Selhime, A. G. 181, 278, 482, 2065, 3321
Sell, J. L. 1230
Selman, B. J. 451
Selvaraj, S. 515
Šemetulskis, D. 3945, 3951
Semkova, R. I. 223
Semkowa, R. I. 223
Sen, P. 4217
Sengalevich, G. 1457
Sengar, C. S. 507
Şengonca, Ç. 1856
Senn, L. H., Jr. 1753
Seo, S. T. 1576
Sepasgosarian, H. 3192
Sepasgozarian, H. 959
Serafimovski, A. 1152
Serghiou, C. 3917
Servas, G. 2933
Servicio para el Agricultor 4310, 5092, 5108, 5109, 5118, 5131, 5132, 5137
Seryĭ, N. I. 3081
Seshagiri Rao, Y. 4264
Seshu Reddy, K. V. 2448
Šeškevičius, A. 3946
Seth, G. R. 138
Sethi, G. R. 4531
Sethunathan, N. 1620, 1631
Setoguchi, O. 519
Seugé, J. 2989, 3024, 4634
Seutin, E. 3608, 3609, 3613
Sevumyan, A. A. 5019
Sew, P. 5112
Seyedoleslami, H. 4292
Sezer, S. 4301

Sgalippa, G. 2455
Shabunevich, S. F. 3814
Shah, S. M. A. 4399
Shaheed, G. A. Abdel- 990, 1131, 1924, 2343, 3433, 3774
Shaheed, G. H. Abdel- 3771
Shahjahan, M. 3130, 4628
Shalaby, F. 991
Shalibashvili, G. K. 2853
Shamanna, H. V. 653
Shands, W. A. 3319
Shanks, C. H., Jr. 2122, 3527
Shanks, V. 1207
Shannon, J. S. 1373
Shapiro, I. D. 3678
Shapiro, M. 13, 3341
Shaposhnikov, G. Kh. 2176, 2567
Sharaby, A. M. 4345
Sharaf, N. 3553
Sharan, R. K. 4205
Sharifi, S. 455, 4861
Sharkawi, S. G. 4210
Sharma, D. N. 2808
Sharma, G. P. 3013
Sharma, J. C. 1140
Sharma, M. L. 2114, 2153
Sharma, M. M. 2124
Sharma, R. K. 78, 4821
Sharma, R. P. 1472, 1485
Sharma, S. 3013
Sharma, S. K. 590, 1043, 1121, 1867, 2816, 2894, 3760, 3789, 4235, 4253, 4953
Sharpe, E. S. 5211
Sharuda, E. V. 2182
Shashkova, R. V. 994
Shaunak, K. K. 89
Shaw, J. G. 3060, 3888, 4143, 4624, 5042
Shaw, M. J. P. 1115, 1116
Shaw, M. W. 503
Shazli, A. 2835
Shazli, A. Y. 58, 82, 1202, 4025
Shazli, A. Y. El- 988, 1137, 1272, 1370, 1371, 3445, 3767
Shazly, N. Z. El- 1751, 3511
Shea, P. J. 695
Sheasby, J. L. 2010
Sheets, T. J. 2929
Shehata, K. K. 4, 1833, 2266, 3018, 4218
Sheikh, F. R. 1034
Shek, G. Kh. 54
Sheltawy, E. M. 2416, 3297
Shelud'ko, A. D. 1410
Shepard, M. 1760, 1843, 3766
Sherif, A. El- 3238
Sherif, L. S. El- 261, 4146
Sherif, S. I. El- 129, 631, 632, 648, 1072, 1132, 2705, 3682, 3804, 4764
Sherman, M. 594
Shibuya, I. 893
Shields, J. B. 4642
Shiga, M. 4888
Shigematsu, H. 802
Shih, T. C. 2275
Shikata, E. 2892
Shimada, H. 592
Shimada, K. 454
Shimizu, K. 1097, 1559
Shin, Y. H. 2296
Shinde, V. K. R. 4316, 4953
Shindo, M. 575
Shinkle, M. 1780
Shinohara, H. 2471, 3396
Shoeib, A. M. 3249, 3800, 4354, 4356, 5168
Shoeib, M. M. 4355
Shoemaker, C. 4927
Shoniya, D. I. 2601
Shorey, H. H. 341, 2579, 4133, 4134
Shorrocks, B. 2276
Short, D. E. 1146, 2249
Short, D. S. 3812
Short, R. E. 1781
Shoukry, A. 3521
Showers, W. B. 4924
Shrivastava, O. S. 1472
Shukla, G. S. 589
Shumakova, A. A. 1914
Shuman, F. L., Jr. 2925
Shurovenkov, Yu. B. 3158
Shute, S. L. 1682
Shuvalov, V. F. 2173
Shvetsova, L. P. 3863
Sicker, W. 844
Siddall, J. B. 2538
Siddig, S. A. 2811
Siddiqi, M. S. 209
Siddiqui, K. H. 4252
Siddiqui, S. 3528
Siddiqui, W. H. 70
Sidhu, A. S. 784, 3214, 4527, 4919, 5144
Sieber, J. N. 2931
Sieckert, E. E. 4649
Sieiro, L. G. Mariño 3755
Sierpiński, Z. 819, 3577, 4834
Siewniak, M. 689
Sifuentes A., J. A. 4157, 4250
Sikharulidze, A. M. 574
Sikka, H. C. 4965
Sikka, H. L. 2231, 2236
Sikorowski, P. P. 4424, 4880
Silva, G. de M. 4161
Silva, I. da 1277
Silva, P. 1950, 2843
Simão, S. 1106
Simbwa-Bunnya, M. N. 1403
Simmonds, F. J. 2452
Simmons, G. A. 227, 1341, 2389
Simon Thomas, A. M. J. 1850
Simon Thomas, R. T. 1850, 1851
Simonsberger, P. 2036
Simpson, C. M. 3731
Simpson, G. W. 3319
Simwat, G. S. 1552, 2407
Sinel'shchikov, V. A. 3079
Singh, A. B. 192
Singh, B. 2069
Singh, C. 2236, 2237
Singh, D. 1787
Singh, D. R. 4633
Singh, D. S. 499, 2808, 2936
Singh, G. 630, 784, 3214, 3780, 4499, 4535, 4919
Singh, H. 630, 3017, 5146
Singh, J. 637, 4189, 5257
Singh, J. P. 591, 613, 616, 937, 1111, 2223, 2363, 3149
Singh, K. G. 3163, 4420
Singh, K. I. 2420
Singh, K. M. 3486
Singh, M. P. 1909, 4317, 4808
Singh, P. 4663
Singh, R. 2733, 2810
Singh, R. K. 3719
Singh, R. P. 2066
Singh, S. 2522, 2634, 2733, 3720, 4343, 4371, 4792, 5079
Singh, S. P. 3224
Singh, S. R. 1426, 3701
Singh, T. 3096
Singh, V. 512, 2894
Singh, Y. P. 4335
Singh, Z. 1917, 2281
Sinha, A. K. 4329, 4571, 4788
Sinha, R. C. 1990, 1994
Sinha, S. N. 4349

Sircar, P. 1120, 1558, 2808
Siriez, H. 4806
Sirsi, M. 3444, 4558
Sithanantham, S. 3783
Sitterly, W. R. 4943
Sivagami, R. 4358
Skadow, K. 3225
Skatulla, U. 1157, 1535
Skinner, G. 605, 3223
Skoog, F. E. 3632, 4683
Skovsgaard, J. P. 2858
Skrentny, R. F. 2052
Škrobák, J. 4525
Škrobák, K. 1703
Skrocki, C. 634, 635
Skrzypczyńska, M. 688
Skuhravá, M. 1775, 4153, 4182, 4547, 5192
Skuhravý, V. 827, 1548, 1974, 2393, 4153, 4386, 4387, 4547, 5192
Slach, E. 2048
Sláma, K. 1722, 4522, 4586
Slater, J. A. 1339, 4992
Slepowron, B. J. A. Nowosielski- 2109
Slosser, J. E. 3507, 4819
Sluss, T. P. 4230
Slykhuis, J. T. 1994
Smaglyuk, N. A. 103
Smead, C. F. 1784
Smeljanez, W. P. 2499
Smelyanets, V. P. 1973, 2499
Smilowitz, Z. 2670, 5179
Smirnoff, W. A. 244, 2436, 2903, 3272, 3275, 4415, 4433, 4873, 4913, 5197
Smirnova, G. V. 2288
Smirnova, I. M. 2288, 3658
Smith, A. 987
Smith, B. C. 914, 1430
Smith, C. 1226, 2194
Smith, C. N. 3587
Smith, C. V. 3857
Smith, D. 4307
Smith, E. H. 2477, 3373
Smith, F. D. 1527, 1949, 5170
Smith, F. F. 2377, 3772
Smith, H. W. 2298
Smith, J. S. 1799
Smith, J. S., Jr. 3562, 4141
Smith, K. G. V. 3065
Smith, L. W. 1218, 1219
Smith, R. F. 3587, 4362
Smith, R. G. 2011
Smith, R. K. 3710
Smith, S. 3979
Smrž, J. 201, 1995
Snieder, D. 3015
Soans, A. B. 4857
Sobetskiĭ, L. A. 3075
Soboleva-Dokuchaeva, I. I. 55
Socha, R. 4101
Society for Invertebrate Pathology 3345
Soderstrom, E. L. 2405
Soetrisno, S. 2079
Sogoyan, R. S. 175
Sohi, A. S. 3720
Sohi, S. S. 2998, 3877
Sokolov, V. K. 2855
Sol, R. 1919
Solbreck, C. 2537, 3044, 4033
Solé, C. Fábregas 3095
Soliman, A. A. 947, 960, 1581, 3996, 3997
Soliman, A. S. 2366
Soliman, S. A. 261
Soliman, Z. R. 1007, 1380, 1383, 3119, 3646, 3647
Solly, S. R. B. 1207, 2490
Solomon, J. D. 911, 3458, 4377
Solomon, M. E. 3381
Som Choudhury, A. K. 1804, 4862
Somberg, J. C. 66
Somchoudhury, A. K. 2660
Sömme, L. 2572, 2573
Sømme, L. 3504
Sonda, M. 2424
Song, Y. H. 81, 1425
Sonleitner, F. J. 2341
Sonnet, P. E. 2648, 4575, 4591
Soon, L. G. 3166
Soong, T. H. 4363
Šorejs, O. 3564
Šorm, F. 4586
Sorokina, A. P. 1684, 4098
Sosa, O., Jr. 1740
Soto, P. E. 1053
Soudah, M. 4903
Soultanopoulou, A. 2099
Sousa, A. A. 270
South Australia, Department of Agriculture 2751
Southwell, C. R. 4410
Southwood, T. R. E. 3382
Sower, L. L. 65, 342, 1794, 2134, 2579, 4028, 4577
Spadafora, R. R. 1499, 2362
Sparks, A. K. 2037
Sparks, A. N. 1708, 1803
Sparks, M. R. 60, 75, 76
Speck, U. 2697
Spence, A. P. 5175
Spencer, K. A. 858, 1663, 2960, 4183, 5000
Spencer, N. R. 1862
Spencer, S. R. 4243
Spencer, W. F. 1622
Spies, H. S. C. 3465
Spieth, H. T. 905, 3600
Spitzer, K. 2165
Splittstoesser, C. M. 4760
Spradbery, J. P. 3833
Sprague, V. 4875
Springett, B. P. 2912, 3372, 3378
Sriharan, S. 4164
Srihari, T. 14
Srinivasan, D. 3776
Srivastava, A. S. 209, 440, 1114, 1127, 1875, 2349, 2727, 3296, 3770, 4335, 4790, 5098
Srivastava, B. K. 142, 940, 2124
Srivastava, B. P. 3858
Srivastava, J. L. 2349
Srivastava, K. M. 938, 1114, 1127, 1875, 2727, 5098
Srivastava, O. S. 5149
Srivastava, R. P. 2055
Srivastava, V. S. 4408
Staal, G. B. 2921, 2922
Stäb, K. J. A. Wijnands- 3907, 3912
Stadelbacher, E. A. 4667
Städler, E. 2357, 2817
Stadnitskiĭ, G. V. 218
Stafford, E. M. 1763
Staĭkov, G. 203
Stalling, C. D. 1646
Stanionytė, A. 3941
Stanley, J. M. 1797, 1799, 4141, 4656
Stanton, G. E. 3563
Stapley, J. H. 4765
Staręga, W. 2965
Starets, V. A. 1654
Stark, R. S. 4666
Stark, R. W. 2255, 3388
Starks, K. J. 527, 1058, 1429, 1837, 5065
Starratt, A. N. 914
Starý, P. 117, 475, 476, 921, 924, 1004, 1255, 3428, 4978

Staten, R. T. 3418, 3885, 4591
Stathopoulos, D. G. 3609
Stathopoulos, D. L. 3608
Stauffer, J. F. 3000
Stavrakis, G. N. 1340, 2308
Stavrinides, A. S. 4314
Stebaev, I. V. 2688
Steen, K. B. 1624
Steevens, D. R. 808
Ştefan, A. 3768
Stefanov, S. 640
Steffan, A. W. 2137, 3914
Stegmaier, C. E., Jr. 116, 1068, 2264, 2338, 2960
Stehr, F. W. 3933
Stein, W. 197, 3514, 4622
Steinbrink, H. 4214
Steiner, H. 1214, 2772, 4505
Steiner, L. F. 4306
Steinhauer, A. L. 3176, 4626
Steinhausen, W. R. 4528
Steinkraus, K. H. 4760
Steinmann, H. 4065
Stenersen, J. 4963
Stenseth, C. 2582, 5127
Stepanov, P. M. 4918
Štepanovičová, O. 2251
Stephen, J. F. 270
Stephen, W. P. 2971, 3374, 4972, 4973
Stephens, J. F. 4995
Stephenson, G. R. 1218, 1219
Stephenson, M. A. 415
Stepien, Z. 409
Stępien, Z. A. 969
Sterling, W. L. 2836, 4928
Stern, V. M. 382, 3782
Sterner, T. E. 721
Sternlicht, M. 2565, 3744, 4075
Stevens, L. J. 4510
Stevens, L. M. 3176
Stevens, R. A. 1982
Stevens, R. E. 1958, 2384
Stevenson, A. B. 3219, 3568
Stevenson, E. 883
Stevenson, J. H. 2205, 3410
Stewart, D. H. 3285
Steyskal, G. C. 313, 5000
Steyvoort, L. Van 4344
Stibick, J. N. L. 4144
Stiles, A. R. 4946
Still, G. W. 162, 2332
Stimmann, M. W. 1579
Stoakley, J. T. 2397
Stockdill, S. M. J. 4251
Stockel, J. 4582, 4583
Stockton, J. R. 1524
Stoetzel, M. B. 714
Stoeva, R. 1927
Stoffolano, J. G., Jr. 3448
Stoian, E. 1081
Stojałowska, W. 2965
Stojanovic, B. J. 2925
Stokes, R. A. 3923, 4822
Stollár, Š. 2125, 4178
Stoltz, D. B. 2447
Stolyar, I. S. 3080
Stone, J. D. 148, 1489
Stone, K. J. 1099
Stone, O. M. 1149
Stone, P. C. 4662
Stoner, A. 112, 4617
Storch, R. H. 5021
Stratan, V. S. 3813
Straub, R. W. 513
Streams, F. A. 3130
Street, J. C. 2051
Street, M. W. 5032
Streu, H. T. 1436
Stride, G. O. 639, 1300
Stringer, C. E. 989, 1782
Stroganova, V. K. 4066
Strong, R. G. 2873, 3403
Strong, W. M. 4944
Struble, D. L. 2290
Strunkova, Z. I. 1450
Stuart, A. M. 3143
Studziński, A. 502, 1252, 3086, 3087, 3088, 3089, 3090, 3583
Stukalova, N. V. 56
Styer, W. E. 1701, 3160
Styles, J. H. 719
Štys, P. 2505
Su, H. C. F. 407
Şuba, T. 3936
Subansenee, W. 1968
Subba Rao, B. R. 312, 2085
Subramaniam, T. R. 4277
Subramanian, S. 3125
Suffet, I. H. 286
Sugawara, M. 5215, 5216
Sugiyama, H. 802
Sugonyaev, E. S. 467, 470, 2219
Sukhareva, I. L. 4044
Sullivan, C. R. 3286
Sullivan, J. B. 1616
Sullivan, L. J. 1649
Sullivan, M. J. 4785
Summers, M. D. 246, 2005, 2447, 3882
Sumner, A. K. 1642
Sun, Y. P. 3999
Sundaram, R. M. 4108
Sundararaj, N. 77
Sunde, R. 1568
Sunde, R. G. 3541
Sunderman, R. P. 5042
Sundukov, O. V. 276, 3482
Sung, N. K. 2824
Sunil Kumar 2813
Supatashvili, A. Sh. 2853
Supatashvili, Sh. M. 2853
Surany, P. 5225
Surlikar, V. V. 2887
Suski, Z. W. 3172
Şuta, V. 3734
Sutandar, A. 3701
Sutherland, O. R. W. 1901, 4923
Sutter, G. 740
Sutter, G. R. 2004, 4425
Sutton, R. A. 3321
Sutyoso, Y. 1426
Suwanai, M. 2064, 4950
Suzuki, S. 3963
Švataráková, L. 3393
Svec, H. J. 782
Švihra, P. 703
Sviridov, A. V. 664
Svoboda, J. A. 1604
Swailem, S. M. 1765, 1912, 1913, 3144, 3801, 4305, 4319, 4609
Swaine, G. 1051
Swaran Amarpuri 499, 2808
Swayze, D. D. 3627
Swendsen, M. Münster- 4832
Swenson, K. G. 429, 4612
Święch, J. 628
Swirski, E. 3451
Switzer, B. 3411
Sybers, H. D. 745
Syed, R. A. 3180, 3181, 4787
Sylvester, E. S. 4871
Sytinskiĭ, I. A. 3115
Szczepańska, K. 1243
Szczepański, H. 463
Szczypiorska, M. 3571
Szegény, A. 1084
Székely, I. 1073
Szelényi, G. 4042
Szentesi, Á. 1118, 1748, 2041, 3057, 4600
Szeptycki, A. 80
Szirmai, J. 3305
Szmidt, A. 4227
Sztabert, B. Grzelakowska- 891
Szwejda, J. 3572
Tabata, K. 1734
Taber, S., III 3639

Tachikawa, T. 4233
Tadokoro, M. 1419
Tahir, E. T. El 4671
Tahori, A. S. 2119, 2571, 3479, 5008
Tai, G. C. 1139, 2444
Tai, H. 1652, 2496, 4976
Taimr, L. 762, 2466, 3564, 4960
Takada, H. 4544, 4545
Takagi, S. 1264, 2388
Takahashi, F. 2261
Takahashi, Y. 3401
Takai, A. 932
Takano, T. 1344, 2189
Takasaki, T. 1417, 1418, 1868, 1869
Takase, I. 517, 928
Taksdal, G. 4315, 5114
Talbott, T. D. 1784
Talekar, N. S. 4010
Taley, Y. M. 4274
Tallant, M. J. 1649
Talwar, R. C. 937
Tam, Shalon 4340
Tam, Shlomo 4340
Tamaki, G. 1205, 5128
Tamaki, Y. 3053, 4087
Tamari, H. 2487
Tamashiro, M. 1349
Tamayo, A. Izquierdo 2842
Tambs-Lyche, H. 846
Tamhankar, A. J. 896
Tamura, M. 219
Tanabe, A. M. 4165
Tanada, Y. 743, 1194, 2438, 3120, 3645, 4412, 5219
Tanaka, A. 1427
Tanaka, M. 1015, 1692
Tanaka, S. 1417, 1418, 1869, 1870
Tănase, V. 5233
Tandler, B. 2908
Tandon, H. L. S. 1600
Tandon, N. 872
Tandon, S. K. 1319
Taniguchi, E. 4530
Tanimoto, V. 4736
Tanskiĭ, V. I. 43, 4930
Tantawy, A. M. 2294
Tantawy, A. M. El- 2295, 2728, 2729
Tao, C. C. C. 4994
Taranets, M. N. 380
Tardif, J. G. R. 4510
Tareev, V. N. 970
Tarim Bakanliği Zirai Mücadele ve Ziraî Karantina Genel Müdürlügü Araştirma Şubesi 4436
Taschenberg, E. F. 4659
Tascón, M. T. Barona 2009
Tashiro, H. 1438, 3841, 4760
Tashiro, S. 4530
Tashliev, A. O. 1743
Tasmanian Department of Agriculture, Entomology Division 1805, 1826, 1878, 1925, 2637
Tassan, R. L. 348
Tateishi, I. 528
Tauber, C. A. 1690, 3443, 3505, 3506
Tauber, M. J. 1690, 3443, 3505, 3506, 4941
Tawab, A. El 92
Tawfik, M. F. S. 129, 1318, 1381, 3513, 3648, 4013, 5061, 5062, 5165, 5202, 5203, 5204
Tayakısı, I. 4449, 4453
Taylor, G. 741, 2433, 3894
Taylor, J. M. 4409
Taylor, K. B. 5193
Taylor, L. R. 3033, 4171, 4621
Taylor, M. E. 1853
Taylor, O. R., Jr. 62
Taylor, R. W. 2476
Taylor, T. A. 1018, 3919
Taylor, W. B. 4646
Taylor, W. E. 4809
Tchibozo, H. M. 260
Tchindé, J. 3046
Teakle, D. S. 2283
Tedders, W. L. 1890
Teetes, G. L. 125, 527, 1873, 1874, 2300
Teich, I. 3795
Tejeda, A. Lagunes 4157
Téliz O., D. 2150
Tello Diago, R. 2009
Tembe, V. B. 2887
Temizer, A. 4521
Tenow, O. 2385, 4096
Teotia, T. P. S. 774, 2111, 3486, 3780, 4322, 4349
Ter-Grigoryan, M. A. 2220
Ter-Minassian, M. E. 397
Ter-Minasyan, M. E. 2215
Ter Velde, H. J. 3015
Terauds, A. 415
Tette, J. P. 1467, 4659
Thakare, K. R. 4274
Thakur, J. R. 3118
Thakur, R. C. 5149
Thalenhorst, W. 2396, 2402, 3836
Thames, W. H., Jr. 1993
Thangamani, G. 3234
Thanh-Xuan, Nguyen 3457, 4074
Thériault, L. M. 2114
Thewke, S. E. 3531
Thewys, G. 2240, 3102
Thibout, E. 10, 1711
Thiele, S. 3934
Thimmaiah, G. 5101
Thomas, A. A. G. 4136
Thomas, A. M. J. S. 1850
Thomas, D. 3478
Thomas, E. D. 2914, 4411
Thomas, G. M. 4881
Thomas, G. W. 3554
Thomas, H. A. 1348
Thomas, J. B. 4392, 5198
Thomas, M. J. 940, 2849, 3299
Thomas, R. F. 2049
Thomas, R. T. S. 1850, 1851
Thomasson, W. E. 340
Thompson, A. C. 3958, 4645
Thompson, A. R. 1609, 1626
Thompson, H. E. 662
Thompson, J. L. Cloudsley- 3628
Thompson, J. V. 3895
Thompson, M. J. 1604, 4102
Thompson, S. N. 4597
Thompson, V. 1287
Thomson, C. G. 3436
Thong, C. H. S. 1560
Thontadarya, T. S. 1178, 2448, 4228
Thorpe, E. 3617
Thottappilly, G. 199, 200, 234, 611, 2426, 2814, 3230, 4330, 4789
Thuillier, A. 3276, 3277
Thurston, R. 3655
Thygesen, T. 2749
Tiahrt, K. 5221
Ticehurst, M. 4216
Tidke, P. M. 4346
Tigner, T. C. 2861
Tiittanen, K. 1317, 1532, 4798, 4914
Tikhomirova, A. L. 2964
Tilton, E. W. 1575, 1978, 1980, 2080, 3392, 4603, 4860, 5210

Timian, R. G. 731
Timmins, P. R. 128
Ting, W. P. 3209, 3696, 4828
Tingey, W. M. 3254, 4284
Tinoco C., L. 2024
Tinsley, T. W. 3317, 3325
Tippins, H. H. 2, 3705, 5039
Tiska V., V. 3156
Titus, F. A. 5196
Tjying, I-Shying 207, 1180
Tkach, M. 51
Tkachev, V. M. 169
Tkho, Ch. 3094
Toba, H. H. 2171
Tobias, V. I. 3657, 3940
Tochman, A. Pawłowska- 5258
Todd, J. W. 1488, 1557, 4275, 4794
Tokgaev, T. 1657
Tokmakoğlu, C. 4477, 4482, 5120
Tolba, R. A. 498, 1707
Tolkanits, V. I. 1260
Tolstova, Yu. S. 548
Tomás Sánchez, L. 1406, 1407
Tomatis, L. 2073
Tomblin, C. 2994
Tomblin, G. F. 1752
Tomikawa, I. 1625
Tomio, T. 530
Tomoroga, M. 149
Tonjuk, N. 2222
Torchio, P. F. 1788
Torgersen, T. R. 2259, 4721
Torossian, C. 2550
Torres Barros, J. 4866
Toscano, N. C. 4821
Touron, E. A. 982
Touzeau, J. 1083, 4983
Townes, H. 416
Townshend, B. G. 2161, 4660
Townshend, J. L. 3731
Toye, S. A. 984, 3631
Toyoda, I. 785
Toyoda, K. 516
Toyota, K. 595
Tozi Murai, N. 1500, 1941, 5130
Trammel, K. 4773
Traynier, R. M. M. 1746
Treadgold, C. 2562
Treat, A. E. 979
Treherne, J. E. 3459, 4097
Trei, J. E. 4968
Tremblay, E. 702, 871, 1281, 1282, 1683, 2451
Tremblay, F. L. J. 336, 447
Tremewan, W. G. 402, 987, 3441
Tremola, E. 1496
Trepanier-Blais, N. 4580
Treviño, J. P. 2715
Tricot, M. C. Cammaerts- 4573
Tripathi, R. L. 2839, 2840
Tripp, H. A. 3926
Troisi, S. J. 4687
Trojanowski, H. 1126, 1241
Trostle, G. C. 1539
Truman, J. W. 1303, 1714, 2534, 2535, 2563, 3463
Tryapitsyn, V. A. 468, 469, 4045
Tsachev, S. 3765
Tsai, J. H. 2426
Tsai, P. H. 2398
Tsalev, M. 216
Tsao, C. H. 4957
Tschinkel, W. R. 3139
Tschirnhaus, M. von 1269
Tsitsipis, J. A. 5047
Tsukuda, R. 1311
Tsuru, H. 768
Tu, C. C. 2372
Tuatay, N. 4458
Tucker, B. V. 2930
Tuğlular, P. 2954
Tulisalo, U. 1208, 1486, 1960, 3026
Tulloch, J. B. M. 4858
Tully, J. G. 3869
Tumasyan, L. A. 473
Tumlinson, J. H. 1693, 3958, 4577
Tummala, R. L. 3387
Tunca, N. 4489, 5245
Tunstall, J. P. 3792
Turco, C. P. 1993
Turhan, K. 2954
Turhan, N. 4449, 4450, 4453
Türkmen, Ş. 4447
Turner, N. C. 3834
Turner, R. B. 4570
Turnipseed, S. G. 4794
Turnock, W. J. 459, 2098
Tuskes, P. M. 1694
Tuttle, D. M. 2636
Tüzün, Ş. 4468
Tvaradze, M. S. 3830
Twine, P. H. 2631
Tyrrell, D. 749, 2000, 4413
Tyshchenko, G. F. 1789, 4124
Tyshchenko, V. P. 354
Tzanakakis, M. E. 32, 4314
Uchida, M. 184
Uchida, N. 119, 1417, 1869, 1870
Uchiyama, M. 2487
Udagawa, T. 2070, 4977
Ueckert, D. N. 715
Ueda, H. 1305
Ueda, M. 3484, 3485
Uemura, M. 656, 759
Ujiye, T. 4615
Ulmann, E. 3397
Ulu, O. 4480
Umarov, Sh. A. 859
Umeya, K. 1105
United Kingdom, Ministry of Agriculture, Fisheries and Food 571, 1028, 1148, 1451, 1483, 1494, 1533, 1897, 2329, 2358, 2635, 2804, 2822, 2885, 3093, 3105, 3106, 3150, 3193, 3218, 3221, 4195, 4294, 4297, 4298, 4396
United Nations Development Programme 4361
United States Department of Agriculture 2595, 2821, 3161, 3162, 3683, 3968, 4255, 4256, 4639, 4640, 4641, 5037, 5038
United States Department of Agriculture, Agricultural Research Service, Entomology Research Division 165
United States Department of Agriculture, Forest Service, Northeastern Forest Experiment Station 4829
University of Agricultural Sciences, Bangalore 4498
Upitis, E. 781, 2038
Urabe, T. 5096
Ural, İ. 4289, 5119
Urban, S. 833
Urbani, C. B. 2681
Urbauer, D. 4011
Ürel, N. 4476
Uremović, V. 4934
Urs, K. C. D. 1176, 1177
Usciati, J. Cals- 2113, 4071
Usherwood, P. N. R. 2126, 2235, 4091, 4092
Usman, S. 1063
Usua, E. J. 2115
Utida, S. 900

Uyar, K. 4459, 4461
Uygun, N. 2656
Uzunali, S. 4441
Vago, C. 2604, 3902
Vail, P. V. 2171, 2909, 3885, 4423, 4892
Vaĭnshteĭn, B. A. 3084
Vaisey, M. 2475
Vaish, O. P. 590, 1867
Vaishampayan, S. M. 208, 1917
Vaissayre, M. 4417
Vaivanijkul, P. 2596
Vakenti, J. M. 1463, 2462, 4653
Valadon, L. R. G. 347
Valdés, J. 2022
Valencia G., H. 2759
Valentine, E. W. 1259
Vali, P. V. 740
Valle y March, R. G. del 2826
Valletta, A. 4149
Vallo, V. 4301
Valverde, E. Astigarraga 1102
Van Ark, H. 146, 2010
Van Balen, L. 2806
Van Bronswijk, J. E. M. H. 2515
Van Brussel, E. W. 578
Van Daele, E. 1147
Van de Vrie, M. 1080, 2665
Van den Anker, C. A. 3614
Van den Berg, A. I. M. Hubregtse- 2686
Van den Berg, M. A. 106, 107, 1379
Van den Bosch, R. 1455, 1507, 1510, 1520, 5166
Van der Geest, L. P. S. 1461, 2001
Van der Laan, P. A. 5167
Van der Linde, R. J. 706
Van der Linden, T. 3397
Van der Meer, F. T. M. 3014
Van der Merwe, J. H. 4646
Van Dinther, J. B. M. 3615
Van Duyn, J. 177
Van Emden, H. 3451
Van Emden, H. F. 425, 3602
Van Frankenhuyzen, A. 1025, 2277, 2313, 2330, 2331, 2387, 3671, 3738
Van Halteren, P. 5099
Van Heemert, C. 3010
Van Hoof, F. 3618
Van Hook, R. I. 3114
Van Middelem, C. H. 3548
Van Raalte, G. S. 2033
Van Rheenen, H. A. 4807
Van Steyvoort, L. 4344
Van Whervin, L. W. 3758, 4636
Van Woudenberg, J. 542
Van Zon, A. Q. 4116
Van Zwet, P. C. 4167
Vanderveken, J. 3872
VanDerwerker, G. K. 227, 4380
Vanderzant, E. S. 3558, 3593
Vaňková, J. 3006
Vardanis, A. 4963
Vardell, H. H. 1987
Varga, G. 1800
Vargas, C. Vargas 3496
Vargas Vargas, C. 3496
Varis, A. L. 624, 4798, 5251
Varlet, G. 3623
Varley, G. C. 1767, 3377
Varma, A. 4094, 5095
Varma, B. K. 3932
Varon, R. Guzman- 4593
Varshney, R. K. 4108
Vasarainen, A. 5084
Vasechko, G. I. 1973, 3827
Vasil'ev, K. A. 5085
Vasil'ev, O. P. 1914
Vasil'ev, V. P. 166, 3586
Vassilaina-Alexopoulou, P. 933, 5135
Vater, G. 826, 1005
Vats, L. K. 3096
Vaughan, A. P. 1190
Vaughn, J. L. 3331, 3898
Vaz Arruda, H. 4018
Vaz, C. A. 2285
Vazquez, A. W. 3624
Vázquez, M. 4250
Vázquez, R. Moreno 941, 3748, 3751, 3753
Vega, E. 1077
Vega, O. D. 2488
Vega, S. 4572
Velasco G., J. D. 4916
Velasco P., H. 2760
Velasco Rueda, A. 3756
Velde, H. J. ter 3015
Veletskiĭ, I. N. 2015
Vélez, A. Saldarriaga 180, 2781
Vellacott, P. 2750
Venica de Nemirovsky, N. 2741
Venkata Ramu, M. N. 77
Venkataramaiah, G. H. 653, 654
Venkataraman, A. 3776
Venkatesh, M. V. 1816
Venkatraman, T. V. 4671
Venkitasubramanian, T. A. 2068
Venugopal, S. 619
Verdier, M. 2554
Veremchuk, G. V. 728
Vereščagin, B. V. 817
Vereshchagin, B. V. 817, 3078
Vereshchagin, S. M. 3115
Vereshchagina, A. B. 3075
Vereshchagina, V. V. 3078
Verhoyen, M. 4867, 4868
Verma, A. 5094
Verma, A. N. 2877
Verma, B. R. 938, 2920
Verma, J. P. 1043, 1121, 3760, 4235, 4253, 4369
Verma, S. 5256
Verma, V. S. 4371, 4792
Vernalha, M. M. 661
Verniere Fernández, C. 3211, 3976, 4311
Verzhutskii, B. N. 2250
Verzola, E. Agpad- 2354
Veselovský, J. 1703
Veytia, J. I. Godinez 2031
Vicente López, S. 3211, 4311
Vick, K. W. 35, 65, 1794, 2134, 2160, 3011, 4028, 4577
Vidano, C. 3871
Vidyabhushanam, R. V. 1060
Vieira, O. L. 4106
Viel, P. 3740
Vielvoye, J. 4767
Viette, P. 3439, 5187
Viggiani, G. 304, 580, 701, 855, 863, 1832, 2318, 2319, 2320, 2321, 2322
Vigil B., O. 4502
Vijayambika, V. 1688, 5006
Vikberg, V. 306
Viktorin, A. 1092
Viktorov, G. A. 814, 4100
Vilkauskas, L. 3942
Vilkova, N. A. 3678
Villacis S., J. 2413
Villanueva, E. C. 2073
Villar, J. M. Bernáldez 1102, 1103
Villavaso, E. J. 4665
Villeneuve, D. C. 282
Villiers, A. 1668

Villiers, E. A. de 4777
Vinaches Gomis, P. 4774
Vincent, J. F. V. 4201
Vinkler, N. G. 4611
Vinson, S. B. 16, 332, 1989, 2564, 3135, 3555, 4226, 5073
Viraktamath, C. A. 1484
Visalakshy, A. 2737
Viscuso, R. 1367
Vishwambharan, P. R. 1587
Vishwapremi, K. K. C. 4618
Visveswara Gowda, B. L. 4228
Viswanath, B. N. 1484, 3220
Visweswariah, K. 292
Vlug, H. J. 456, 5124
Vockeroth, J. R. 2516
Voegelé, J. 2721, 2722
Voerman, S. 3475, 3476
Vogel, W. 3246
Voigt, E. 1078
Vojnits, A. 3688, 3735, 5126
Volkova, G. A. 470, 471
Von Hayek, C. M. F. 1268
Von Tschirnhaus, M. 1269
Von Windeguth, D. L. 4306
Voronina, E. G. 3881
Vorontsov, A. I. 218
Voss, G. 3794
Vrie, M. van de 1080, 2665
Vronskikh, G. D. 4799
Vuillaume, M. 3024
Vyas, H. K. 636, 3148
Wada, H. 3892
Wada, T. 1311
Waddill, V. 1843
Wadhi, S. R. 938, 2920
Wafa, A. K. 95, 96, 906, 1007, 1098, 1383, 2342, 3025, 3799, 3995, 4210, 4211, 4397, 5249
Wagner, R. P. 3592
Wahab, A. L. Abdel- 1382
Wahab, A. M. Abdel- 647, 877, 2367, 3987
Wahab, M. F. Abdel- 1363
Wahba, M. L. 947, 948, 960, 972
Waheed, S. 2196
Wahid, A. 3000
Wainman, H. E. 2476
Waiyaki, J. N. 320, 2228
Wakerley, S. B. 4949
Waki, K. 767
Wakid, A. M. 2569, 3492, 3498, 3499, 4117, 4601
Wakikado, T. 1427
Walcher, H. Pschorn- 811, 1534, 2871, 5068
Waldbauer, G. P. 617, 1297
Wales, P. J. 926
Walker, A. I. T. 3617
Walker, D. J. 3022
Walker, F. 4995
Walker, G. 4981
Walker, H. G. 4197, 4729, 5049
Walker, H. L. 730
Wallace, C. R. 4370
Wallace, D. R. 3286
Wallace, L. E. 1039
Wallis, G. 2002, 4421
Waloff, N. 3522
Walsh, L. M. 808
Walstad, J. D. 1961
Walstrom, R. J. 4762
Walton, G. S. 695
Wang, H. H. 2453
Wang, L. 2453
Wapshere, A. J. 4242
Warchałowski, A. 299, 2974
Wardecker, A. L. 2110, 3138
Wardle, G. A 2773
Wardlow, L. R. 2280, 4954
Ware, G. C. 3417
Warkievi-Granier, S. 1366
Warmbrunn, K. 1214
Warner, R. E. 3531, 4152
Warren, F. L. 3465
Warren, L. O. 4067
Warui, C. 2410
Wassink, H. J. M. 2001
Wastie, R. L. 4610
Wasylik, D. Kabacik- 1573
Watanabe, C. 1265
Watanabe, H. 743, 1194, 2911
Waterford, C. 4245
Waterhouse, D. F. 3347, 5087
Waterhouse, F. L. 2525
Waterworth, H. E. 1567
Watkins, T. I. 4949
Watkinson, I. A. 1727
Watson, C. A. 4988
Watson, J. A. L. 4236
Watson, J. E. 1739
Watson, J. P. 3142
Watson, T. F. 3507, 4819
Watt, J. C. 3651
Watt, K. E. F. 3375
Watters, F. L. 2419, 3851
Watts, W. S. 3754
Way, M. J. 427, 3380
Wayman, C. 2881
Wazir, T. A. 4399
Wearing, C. H. 2574, 3733
Webb, D. R. 3227
Webb, F. C. 1346
Webb, J. C. 1797, 4656
Webb, R. E. 1623, 2377, 3772, 4826
Weber, N. A. 3113
Webster, J. M. 1560, 3360, 3887
Wedderburn, R. N. 4012
Weeks, R. E. 4617
Weems, H. V., Jr. 2591
Węgorek, W. 1233, 1234, 1248, 3085, 3569, 3582
Wehrhahn, C. F. 3909
Weiden, M. H. J. 1648
Weidhaas, D. E. 989, 3906
Weidhaas, J. A., Jr. 2333
Weighton, D. M. 4949
Weih, L. J. 2899
Weihe, M. 3406, 3407
Weiler, N. 1075
Weinberg, M. 2676
Weinmann, W. D. 807, 1343
Weir, J. S. 3141
Weirich, G. 2538
Weis-Fogh, T. 2578
Weisbart, M. 4979
Weiser, J. 1993, 3326, 4081, 5223
Weisgerber, I. 4962
Weismann, L'. 2266, 3393, 4523, 4524, 4525
Weissinger, M. 1156, 3823
Welch, H. E. 3662
Wellso, S. G. 2584, 3039, 3676
Welter, M. 1242
Weltzien, H. C. 3604
Went, D. F. 3454
Wentzel, P. C. 930
Wenzel, K. Nöcker- 370, 3420
Werner, F. G. 2669
Werner, R. A. 1954, 5184
Weseloh, R. M. 1844, 2395
Westdal, P. H. 2347
Westfahl, M. E. 1646
Westlake, W. E. 284, 4984, 4985
Westphal, E. 4388
Wetzel, A. 2629
Wetzel, B. W. 3529
Wheatley, P. E. 3847

Wheeler, A. G., Jr. 532, 533, 1390, 1446
Whervin, L. W. van 3758, 4636
Whitcomb, R. F. 3869
Whitcomb, W. H. 202, 1855, 2271, 3127, 3129, 3654, 4694, 5056
White, D. A. 2495
White, L. D. 248, 2777
White, R. 2194, 4156, 5105
White, T. C. R. 353
White, W. B. 3969
Whitehead, V. B. 176, 541, 547, 555
Whiteoak, R. J. 1225
Whitmore, D., Jr. 2118
Whitney, W. K. 3849
Whittaker, J. B. 2177
Whittam, D. 2450
Whitten, C. J. 1619, 3488
Whitten, M. J. 4110, 4111, 4908, 4909
Wiandt, H. 567
Wichmann, H. 2890
Widmark, G. 280
Widstrom, N. W. 3689
Wieb, J. 1632
Wiegand, H. 831
Wiersma, G. B. 1652, 2496, 4976
Wiese, I. H. 1591
Wiesner, K. 3868
Wigglesworth, V. B. 1284, 3459
Wightman, J. A. 1441, 1442
Wijnands-Stäb, K. J. A. 3907, 3912
Wijs, J. J. de 2429
Wilbert, H. 2675
Wilcox, T. A. 30
Wildbolz, T. 3385
Wilde, J. de 1715
Wilde, W. H. A. 250
Wilding, N. 1038, 1040, 4435
Wildy, P. 2432, 3331
Wilkin, D. R. 1606, 2458
Wilkinson, A. T. S. 2818
Wilkinson, J. D. 474
Wilkinson, R. C. 717, 1399, 5056
Willard, J. R. 3038, 3212
Williams, C. B., Jr. 695
Williams, D. J. 2086, 4288
Williams, G. F. 3602
Williams, I. H. 2818, 3983, 4797
Williams, J. A. 691
Williams, J. R. 1402
Williams, L. H. 1179, 2422
Williams, M. L. 1661
Williams, R. M. C. 1602
Williams, R. N. 4694
Williams, W. R. Bransby- 2043
Williamson, D. L. 2382
Willis, J. H. 339, 3591
Wills, P. A. 2077
Wilson, A. 2230
Wilson, B. H. 4278
Wilson, B. W. 4241
Wilson, D. M. 4021
Wilson, E. O. 1334
Wilson, G. G. 3284
Wilson, J. 3713
Wilson, K. A. 2928
Wilson, K. I. 3147, 3310
Wilson, N. M. 1943
Wilson, R. F. 4067
Windeguth, D. L. von 4306
Winfield, B. 3791
Winkler, V. W. 746
Winterlin, W. 4981
Wintrebert, D. 4206, 4681
Wiseman, B. R. 2291, 2725, 3674, 3689, 3702, 4275, 5090, 5091, 5100
Witkonton, S. 1624, 2947, 2948
Witkowska, D. 560, 568
Witkowski, W. 1248, 1249, 1250, 3573
Witter, J. A. 3529
Wiygul, G. 4080
Wnuk, A. 462
Wojciechowska, M. 2893, 4430
Wojciechowski, W. 450
Wojcik, D. P. 269, 1802
Wojnarowska, P. 560, 568
Wojtusiak, R. J. 2577
Wolf, F. 222, 458
Wolf, W. W. 1579
Wolfe. F. H. 3411
Wolfenbarger, D. A. 771, 2018, 2464, 5016
Wolfenbarger, D. O. 2301
Wołoszyn, B. W. 80
Womack, H. 1557, 2952
Wong, M. K. 2492
Wong, R. G. 2926
Wong, T. T. Y. 4658
Woo, K. S. 993, 2586, 4145
Wood, A. M. 2276
Wood, B. J. 544, 3384, 4610, 5112
Wood-Baker, C. S. 4733
Wood, E. A., Jr. 527
Wood, F. E. 4061
Wood, G. F. 182
Wood, J. 1355, 4281, 4698
Wood, S. L. 4550
Woodburn, T. L. 5183
Woodford, J. A. T. 3523
Woodham, D. W. 4964
Woodring, J. P. 1279
Woodroffe, G. E. 3864
Woodruff, R. E. 2588, 2593
Woodville, H. C. 5083
Wool, D. 3043
Woolson, E. A. 2049
Workman, R. B. 2796
World Health Organization 4512, 4513
Worley, J. F. 514
Wortham, J. Nash- 3285
Woudenberg, J. van 542
Wratten, S. D. 3136
Wren, J. 2538
Wressell, H. B. 1835
Wright, A. N. 1630
Wright, J. E. 4588
Wright, R. H. 1746
Wuh, K. D. 779
Wyatt, C. A. 1051
Wyatt, G. R. 898, 2533
Wyatt, I. J. 1020
Wybou, A. 1515
Wyles, A. G. 3300
Wylie, F. R. 4076, 4395
Wyllie, J. 1645
Wyndham, M. 3034, 3035
Wysoki, M. 3451
Yabaş, N. 4451, 4454
Yablokov-Khnzoryan, S. M. 1664
Yadav, T. D. 1558
Yadava, C. P. 5095
Yadava, D. R. 2111
Yadava, R. L. 783, 1536
Yadava, R. P. S. 448
Yagi, S. 893
Yamada, H. 1524, 4887, 4888
Yamada, K. 756
Yamaguchi, H. 1044
Yamaguchi, T. 529
Yamamoto, H. 1105
Yamamoto, I. 1728, 3981
Yamamoto, S. 759
Yaman, I. K. A. 505, 506, 1443, 1599
Yamasaki, K. 94
Yamvrias, C. 5133
Yanagita, Y. 378
Yang, I. L. 2340
Yang, Y. L. 696
Yano, K. 3045
Yaron, B. 3984

Yaroshenko, M. F. 3067
Yaroshenko, V. I. 1220
Yarwood, E. A. 1993
Yasan, E. 4487, 4493
Yasnosh, V. A. 995, 1857, 3430, 5121
Yasuda, M. 2472
Yates, H. O., III 3835, 4843
Yathom, S. 5040
Yazgan, S. 350
Yeargan, D. R. 2327
Yeargan, K. V. 4657
Yearian, W. C. 2897, 4874
Yendol, W. G. 221, 1997, 3327, 3328, 4879
Yew, N. K. 544
Yin, C. M. 2129, 4103
Yoder, J. 746
Yokoyama, S. 1868, 1869, 1870
Yonce, C. E. 2172, 3466, 3562
Yonke, T. R. 4283
Yoo, C. Y. 151
Yoo, J. K. 151, 2924
Yoo, K. J. 1546
Yoon, S. K. 265
York, A. C. 9
York, G. T. 1061
Yoshimoto, C. M. 2504, 4051, 4052
Yoshimoto, Y. 928
Yoshimura, S. 522, 1419
Yoshioka, T. 529, 530
Yoshitake, K. 119, 1418, 1869, 1870
Yoshizaki, M. 1500
Youdeowei, A. 1528, 1709, 2917, 3261, 4138
Young, A. M. 4413
Young, F. N. 1361
Young, J. R. 2449
Young, R. W. 2046
Young, S. Y. 3884, 3900, 4874, 5218
Young, S. Y., III 242, 2437
Young, W. R. 1046, 1055, 4252
Younga, S. Endrödy- 4361
Younis, H. M. 2838
Yousef, A. 92
Yousef, A. A. 906, 1908
Yousef, K. H. 1495, 2819
Youssef, N. N. 1788
Yu, C. C. 1618, 2485
Yukhnevich, L. A. 2611, 2612
Yüksel, M. 4438, 4446
Yule, B. G. 1991
Yunker, C. E. 13
Yunus, M. 4703
Yushima, T. 3053, 4087
Zaazou, H. M. 1422, 1423, 1424, 1449
Zaazou, M. H. 5250
Zabel, E. 5253
Zacharuk, R. Y. 3336, 4427
Zaets, V. G. 1883
Zaher, M. A. 4, 540, 558, 906, 1007, 1098, 1383, 1833, 1891, 1908, 2342, 2782, 2784, 2789, 3018, 3119, 3646, 3647, 3724
Zajančkauskas, P. 3947, 3948
Zakari, I. 3046
Zaki, M. M. 2013, 2014, 2833, 2834
Zakirov, K. 4299
Zakladnoĭ, G. A. 2889
Zandvoort, R. 2378
Zareh, N. 3986
Zaske, J. 4731
Zaslavskiĭ, V. A. 465, 3040
Zaugg, J. L. 3711
Zawirska, I. 1244
Zazou, H. M. 2735
Zazou, M. H. 4269, 4748
Ždárková, E. 971, 1977, 3368
Zeid, E. N. Abou- 3502
Zeid, M. 1071, 1790, 1882, 4014
Zeid, M. I. 3253
Zeid, M. M. 5247, 5248
Žeimantienė, E. 3956
Zel, M. 4439
Zelazny, B. 325, 344, 3891
Zelený, J. 391
Zeletzki, C. 838
Zemp, H. 2193
Zenner-Polania, I. 2633
Zénon-Roland, L. 1640, 3550, 3609
Zenouz, E. Bagheri- 2878
Zethner, O. 1966
Zettler, J. L. 2875, 4952, 5207
Zhukovskiĭ, S. G. 277
Ziady, S. El- 1375, 1491, 1492, 1493
Ziarkiewicz, T. 4296
Zidan, Z. H. 4026
Zidan, Z. H. A. 2953, 4027
Ziegler, D. L. 5036
Ziegler, J. R. 5036
Zielińska, Z. M. 891
Zil'bermints, I. V. 766
Zimina, L. V 5060
Zimmermann, G. 2394
Zimmermann, H. 1460
Zinnert, K. D. 1534, 5068
Zinov'eva, L. B. 472
Zintake, M. 1044
Żmijewska, I. 127
Zoerner, H. 3873, 3874
Zoeten, G. A. de 331
Zohdy, G. I. 1733, 2469
Zohren, E. 4732
Zolessi, L. C. de 99
Zon, A. Q. van. 4116
Zondag, R. 5230
Zor, Y. 2334
Zoral, A. 4366, 4483
Zoro, J. A. 3417
Zorrilla Mañas, J. A. 941, 3748, 3751, 3753
Zschiegner, H. J. 3934
Zubkov, A. F. 4342
Žukauskienė, J. 3949, 3950
Zuluaga Cardona, I. 180
Zümreoğlu, A. 4480, 4481
Zümreoğlu, S. 4455, 4457
Zuska, J. 5205
Zutshi, M. K. 1951, 1983, 2017, 3164
Zuzka, J. 4173
Zwet, P. C. van 4167
Zwölfer, H. 4730
Zyngas, J. 3917

SUBJECT CLASSIFICATION IN RAE

Subject classification of material selected for inclusion in the *Review* is performed in two stages. The first stage is the assignment of one or more sequence codes to each document, to determine the heading under which the abstract or title will be printed and other headings under which ‘see also’ cross-references will appear. The second stage is the selection of entries for the printed subject index. There is no thesaurus used to select headings, but they are mainly concrete subjects and are carefully checked to keep synonymy to a minimum. Vocabulary control is aided by the inclusion of inverted arthropod names, and of cross-references and synonyms for other organisms and for chemicals. A list of subheadings suitable for most subjects is maintained, and further subheadings are chosen as needed. The result of this method of indexing is a high level of consistency within each volume and a close match between headings in successive volumes; cross-references are given whenever headings are changed. The depth of indexing is such that there is a mean of 8.4 entries per abstract or title, though there may be more than one subheading per heading for any particular abstract. The most detailed entries are those under the names of arthropods, but other organisms, countries, chemicals, and general subjects (e.g. Conferences; Irrigation; Rearing techniques) are also used as headings. All references are to abstract numbers.

Under the names of arthropods there are references to their control, distribution, food-plants, hosts, natural enemies, taxonomy, vector ability, and miscellaneous subjects. Entries for species will be found under the generic name, and there are also inverted names with the specific and subspecific epithets placed first. The names used for arthropods in this index are those used in the abstracts, because these names have all been checked against the card indexes maintained by the Institute. These card indexes are continuously updated to take account of taxonomic revisions, and in cases of difficulty the taxonomists employed by the Institute or by the British Museum (Natural History) are consulted. If two or more names are accepted by the *Review* for a taxon during one year, each name is entered separately, with a ‘see also’ cross-reference to other names. Cross-references from names used by authors but not accepted by the *Review* are given to the currently-accepted names.

Plants are indexed under English common names of the more important or familiar crops, or under scientific names down to species level. At both these types of heading will be found references to the arthropods that affect the plant concerned, to arthropod-transmitted pathogens, and to the side-effects of pesticides. Cross-references are given between common names (sometimes inverted) and scientific names. A number of plant headings have been changed in this volume, to conform more closely with *Horticultural Abstracts* and *Field Crop Abstracts*.

Viruses pathogenic for arthropods are indexed under the name of the host, and the hosts are listed at the heading ‘Viruses and virus diseases’. Other pathogens of arthropods are indexed at the scientific name of the pathogen. Plant viruses and mycoplasma-like organisms are indexed at common names corresponding with those used in the *Review of Plant Pathology*. Other pathogens of plants are indexed at the scientific name of the pathogen, if one is available, or else the English common name.

Geographical locations are keyworded, as appropriate, to faunal regions, continents, countries, archipelagoes or islands, and, for Australia, Canada and the USA, to States and Provinces. The subheadings refer mainly to pest arthropods, with some references to pest control.

Chemicals are normally indexed under either a common name or a systematic name. The common names used at present for pest-control chemicals are listed in the Editorial to volume 59 (1971). A few unidentified or complex substances are indexed under names used by authors, and all remaining substances are indexed under the names used in the indexes of *Chemical Abstracts* volumes 76-85. Cross-references are provided to these inverted systematic names, and in some cases synonyms are given with the entries. Cross-references are also provided from inverted systematic names to the common names used for pest-control chemicals, and definitions are printed at these headings. Appropriate systematic names are listed at the heading 'Pest-control chemicals', in the uninverted form used in abstracts.

SUBJECT INDEX

A-2765 (*see* Benzeneacetic acid, 4-bromo-α-(4-bromophenyl)-α-hydroxy-, 1-methylethyl ester)
A-3218, against, *Spodoptera littoralis* 1929
abaca (see *Musa textilis*)
abaca mosaic virus
  in
    Rhopalosiphum maidis, transmission of 1945
    Schizaphis cyperi, transmission of 1945
    S. graminum, transmission of 1945
Abate (*see* Phosphorothioic acid, *O,O′*-(thiodi-4,1-phenylene) *O,O,O′,O′*-tetramethyl ester)
  4961
abbreviatus, Diaprepes
abdelkader, Philanthus triangulus
abdominalis, Aphelinus
abdominalis, Aulacophora
abdominalis, Diplocolenus
abdominalis, Microcephalothrips
abdulghanii, Tetraphleps
Abelmoschus esculentus (see Okra)
aberrans, Amblyseius
Abgrallaspis cyanophylli
  control of, insecticides for 657
  in Israel 2334
  in USSR 657
  on avocado, in Israel 2334
  on tea, in USSR 657
Abies
  Dioryctria reniculelloides on, in North America 2511
  Monochamus spp. on, in Europe 1964
Abies alba
  Adelges nordmannianae on, in Austria 707
  Agevillea abietis on, in Czechoslovakia 5192
  distribution of 444
  Monochamus sartor on, in Europe 1163
  M. urussovii on, in Europe 1163
  pests of
    in Greece 4851
    in Romania 690
  Resseliella piceae on, in Czechoslovakia 5192
  Sirex noctilio on, in Poland 685
Abies amabilis, *Adelges piceae* on, in British Columbia 2858
Abies balsamea
  Choristoneura fumiferana on
    damage caused by 721, 1545
    effects of stage of budbreak on survival of 5200
    in New Brunswick 3273
    in Ontario 3926, 4911
    in Quebec 3274
Abies balsamea *contd.*
  Cinara curvipes on, in Quebec 4433
  Dasineura balsamicola on, in New Brunswick 5196
  foliar constituents of, effects on bacteria of 4873
  Lambdina fiscellaria on
    in Newfoundland 1836, 1853, 3318
    in Quebec 3272
  Neodiprion abietis on
    in North America 3291
    in Ontario 3286
Abies borisii, pests of, in Greece 4851
Abies cephalonica, pests of, in Greece 4851
Abies concolor, *Neodiprion abietis* on, in North America 3291
Abies fraseri
  Adelges piceae on, in North Carolina 1957, 4376
  Megastigmus specularis on, in North Carolina 1957
Abies grandis
  Adelges piceae on, in British Columbia 2858
  Lymantria monacha on, in Denmark 5180
  Scolytus ventralis on
    in Idaho 2860, 4382
    resistance to 4382
Abies holophylla, Cecidomyiidi on, in Soviet Far East 3282
Abies homolepis, *Dasineura balsamicola* on, resistance to 5196
Abies lasiocarpa
  Adelges piceae on, in British Columbia 2858
  Choristoneura occidentalis on, in Montana 695
Abies sachalinensis
  Choristoneura diversana on, in Japan 4844
  Oligonychus ununguis on, in Japan 1154
Abies sibirica, *Monochamus urussovii* on, in Europe 1163
abietella, Dioryctria
abietina, Plemeliella
abietina, Pristiphora, (*Lygaeonematus*)
abietinum, Elatobium
abietinus, Orussus
abietiperda, Dasineura
abietis, Adelges, (*Sacchiphantes*)
abietis, Agevillea
abietis, Aphidoletes
abietis, Cephalcia
abietis, Cryphalus
abietis, Dasychira
abietis, Hylobius
abietis, Nemolecanium
abietis, Neodiprion

abietivorella, Dioryctria
Ablabesmyia melanops (see *Couchapelopsia*)
ablutellus, Raphimetopus
ablutus, Tuckerella
Abraxas grossulariata
  in USSR 3950
  parasites of, in Lithuania 3950
  pathogens of, in Lithuania 3950
Abutilon, *Earias insulana* on, in Tanzania 4812
Abutilon avicennae, *Earias insulana* on, in Egypt 4191
AC-24055 (*see* Acetamide, *N*-[4-(3,3-dimethyl-1-triazenyl)phenyl]-) 2874
AC-92100 (*see* Phosphorodithioic acid, *S*-[[(1,1-dimethylethyl)thio]methyl] *O,O*-diethyl ester) 1920
Acacia, *Anadiasa undata* on, in Egypt 217
Acacia aneura, termites on, in Australia 4236
Acacia arabica
  Caryedon serratus on, in Rajasthan 724
  Virachola livia on, in Egypt 2787
***Acacia arabica* (timber)**
  Anacanthotermes ochraceus in, in Egypt 3862
  Psammotermes fuscofemoralis in, in Egypt 3862
Acacia farnesiana
  Caryedon serratus on, in Rajasthan 724
  Virachola livia on, in Egypt 2787
***Acacia farnesiana* (stored seeds),** *Caryedon serratus* in, in Mysore 724
Acacia nilotica (see *A. arabica*)
acaciae, Streblote, (*Nadiasa*)
Acalypha, *Brevipalpus phoenicis* on, in Egypt 906
acanthi, Aphis
Acanthiophilus helianthi
  in India 208
  on *Carthamus tinctorius*
    damage caused by 208
    in Madhya Pradesh 208
Acantholepis capensis
  aggressive behaviour in, towards Syrphidae 4213
  in Kenya 4213
Acantholyda nemoralis (see *A. pinivora*)
Acantholyda pinivora
  in USSR 699
  on *Pinus sylvestris*
    in Byelorussia 699
    resistance to 699
Acantholyda stellata (see *A. pinivora*)
Acanthoscelides
  in Arizona 4546
  in California 4546
  in Oregon 4546
Acanthoscelides obtectus
  control of
    fumigants for 4489, 5245
    sterile-insect release for 1118, 4600
  egg-hatch in, effects of mating with sterilised males on 4600
  fecundity in, effects of food-plant on 198
  humidity responses in 4632
  in Hungary 1118
  in Turkey 4486
  in USA 4546
  in *Phaseolus vulgaris* seeds, resistance to 345
  in stored beans, in Turkey 4486
  life-span in, effects of food-plant on 198
  light responses in 4632
  male pheromone of 3477
  mating behaviour in, effects of antennectomy on 1748
  mating competitiveness in, determination of 2041
  on bean
    in Hungary 1118
    in Turkey 4486
  population development in, effects of temperature on 379
  rearing of, techniques for 3057
Acaphylla steinwedeni (see *A. theae*)
Acaphylla theae
  biology of 1143
  in Taiwan 1143
  on tea, in Taiwan 1143
Acarapis dorsalis, in New Zealand 483
Acarapis externus, in New Zealand 483
Acarapis vagans
  in New Zealand 483
  parasitising, honey bees, in New Zealand 483
Acarapis woodi
  control of 937
    acaricides for 2659
  in India 937
  in USSR 2659
  parasitising
    Apis indica, in Uttar Pradesh 937
    honey bees, in Ukraine 2659
Acaricides
  substances tested as:
    2-substituted-3-oxo-4-halo-5(2*H*)-pyridazinyl phosphates 4516
    thioketal adducts of pyruvoyl chloride phenylhydrazones 3398
Acaridae
  in Caucasia 968
  in Soviet Far East 970
Acarina
  apolysis in 1279
  ecdysis in 1279
  limb regeneration in 1279
Acarol (*see* Benzeneacetic acid, 4-bromo-α-(4-bromophenyl)-α-hydroxy-, 1-methylethyl ester)

carol *contd.*
  278
carophenax tribolii
  in India 4862
  in Pakistan 5208
  parasitising, pests of stored grain, in Pakistan 5208
  preying on, *Tribolium castaneum* 4862
caropsis aegyptiaca
  biology of 1007
  in Egypt 1007
  preying on, Anoetidae, in Egypt 1007
caropsis docta
  biology of 2660
  in India 4862
  preying on
    Corcyra cephalonica 2660
    Tribolium castaneum 2660
    Trogoderma granarium 1834, 2660
Acarus siro
  γ-BHC resistance in, in UK 2458
  control of, acaricides for 1606, 1977
  development in, effects of medicinal herb extracts on 967
  in UK 2458, 2881
  in cheese, in UK 2458
  rearing of, techniques for 409
Acaudaleyrodes, in Egypt 3
Accipiter nisus, nesting success of, effects of pesticides on 3414
Accothion (*see* Fenitrothion)
Acemya calloti (see *Metacemyia*)
Acephate (*see* Phosphoramidothioic acid, acetyl-, *O,S*-dimethyl ester)
  194
  258
  1411
  1898
  5143
Acer, *Trialeurodes vaporariorum* on, in Hungary 3305
Acer campestre
  Drepanosiphum dixoni on
    in Netherlands 849
    in UK 849
    in Yugoslavia 849
Acer cappadocicum, *Drepanosiphum platanoides* on, in Iran 849
Acer negundo, *Trialeurodes vaporariorum* on, in Hungary 3305
Acer pseudoplatanus
  Phyllonorycter geniculella on, in UK 2090
  Trialeurodes vaporariorum on, in Hungary 3305
  Xyleborus dispar on, in West Germany 2394
Acer rubrum
  Corthylus columbianus on
    in Georgia (USA) 226
    in Indiana 1150
  Epinotia aceriella on, in New York 683
Acer saccharinum, ***Corthylus columbianus*** on, in Indiana 1150
Acer saccharum
  Cenopis pettitana on, in Michigan 2389
  Choristoneura rosaceana on, in Michigan 2389
  Epinotia aceriella on, in New York 683
acerbella, Epichoristodes
Aceria chondrillae
  on *Chondrilla juncea*
    and biological control using
      in Australia 5087
      in South Australia 3672
Aceria eriobotryae
  in Egypt 1337
  on loquat, in Egypt 1337
Aceria essigi
  control of, acaricides for 3183
  in West Germany 3183
  on blackberry, in West Germany 3183
Aceria ficus
  fig mosaic virus in, transmission of 3304
  in Egypt 2841
  on fig, in Egypt 2841
Aceria guerreronis
  control of, acaricides for 260
  in Dahomey 260
  on coconut, in Dahomey 260
Aceria mangiferae
  control of
    acaricides for 2342, 4783
    fumigants for 4320
  in Egypt 2342, 2789
  in India 4783
  on mango
    in Egypt 2342, 2789
    in India 4783
Aceria oleae
  biology of 954
  in Greece 954
  on olive
    damage caused by 954
    in Greece 954
Aceria sheldoni
  control of, acaricides for 587, 972, 3744, 4476
  in Egypt 972, 1337
  in Israel 3744
  in South Africa 587
  in Turkey 4476
  integument in 4075
  on *Citrus*
    effects of various chemicals on 3744
    in Egypt 972, 1337
  on lemon, in Turkey 4476
  on orange
    damage caused by 587
    in Israel 3744
    in South Africa 587
  spermatophores in 4075
Aceria tulipae
  in USA 501

***Aceria tulipae** contd.*
  kernel red streak virus in, transmission of 501
  life-cycle of 501
  on maize, in Ohio 501
  on wheat, in Ohio 501
  wheat spot chlorosis, causal agent in, transmission of 501
  wheat streak mosaic virus in, transmission of 501
Aceria ulmicola ulmicola, on *Ulmus campestris,* galls of 4388
aceriana, Enaysma
aceriana, Gypsonoma
aceriella, Epinotia
Acetaldehyde, (3,3-dimethylcyclohexylidene)-
  (*E*)-
    Anthonomus grandis sex pheromone 3958
    synthesis of 3958
  (*Z*)-
    Anthonomus grandis sex pheromone 3958
    synthesis of 3958
Acetamide, in *Teleogryllus commodus,* egg-shell permeability to 1817
Acetamide, *N*-[4-(3,3-dimethyl-1-triazenyl)phenyl]-
  antifeedant for
    Oryzaephilus surinamensis 2874
    Rhyzopertha dominica 2874
    Tribolium confusum 2874
    Trogoderma variabile 2874
Acetamide, 2-fluoro-*N*-methyl-*N*-1-naphthalenyl-
  against
    Panonychus ulmi 2924
    Tetranychus urticae 4906
Acetic acid
  in *Ceratitis capitata,* incorporation into lipids of 27
  in *Popillia japonica,* effects of *Bacillus popilliae* on oxidation of 2898
  resistance to, in *Rickettsiella melolonthae* 739
  dodecyl ester
    Diparopsis castanea sex pheromone 2543
    with (*Z*)-11-tetradecenyl acetate
      attractant for
        Archips argyrospilus 2462
        Argyrotaenia velutinana 4773
  ethyl ester
    as solvent for timber preservatives 4407
    for anaesthetising arthropods on vegetation 4139
    in *Sitotroga cerealella* eggs, reducing parasitism by *Trichogramma* 1792
Acetic acid, amino- (*see* Glycine)
Acetic acid, (2,4-dichlorophenoxy)- (2,4-D)
  in groundnut, residues of 4534
Acetic acid, (2,4-dichlorophenoxy)- *contd.*
  synergist for
    DDT 4959
    parathion 4959
  amine salts
    in *Amblyseius fallacis,* toxicity of 2327
    in *Tetranychus urticae,* toxicity of 2327
Acetic acid, [(dimethoxyphosphinothioyl)thio]-, formothion product, in bean 1647
Acetic acid, thiocyanato-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, *exo-* (*see* Thanite)
Achaea janata, parasitised by, *Trichogrammatoidea armigera* 2663
achaeae, Trichogramma
Achaearanea veruculata
  in Australia 1842
  preying on, *Epiphyas postvittana,* in Australia 1842
achatinus, Brachytrupes
Achatodes zeae
  in USA 162
  on *Sambucus canadensis*
    assessing infestations of 162
    in Ohio 162
Acherontia styx
  biology of 2363
  control of 2363
  in India 2363
  on *Sesamum indicum,* in India 2363
Acheta assimilis (see *Gryllus*)
Acheta deserta
  in Turkey 4469
  on grape vine, in Turkey 4469
Acheta domesticus
  acetylcholinesterase in 24
  Bacillus thuringiensis in, effects of 447
  chorion in, penetration of bacterial toxin through 336
  eggs of
    effects of fenthion on 2473
    effects of sulfinylbis[methane] on 2473
  growth rate in
    effects of crowding on 2248
    effects of parental age on 2248
  in Mauritius 214
  locomotor activity in, experiments on 879–881
  nervous system in 3115, 4581
  neurosecretion in 3104
  on tea, in Mauritius 214
  rearing of, techniques for 1793, 4662
  tritium in, uptake and elimination of 3114
Achillea ptarmicifolia
  Trioza anna on, in Georgia (USSR) 3429
  T. chevsurethi on, in Georgia (USSR) 3429

choleplasma
  in
    Dalbulus elimatus, multiplication of 3869
    Draeculacephala spp., multiplication of 3869
    Macrosteles fascifrons, multiplication of 3869
chras zapota, Anastrepha suspensa on, in Florida 4306
chroia grisella
  biology of 4397
  control of, fumigants for 5249
  in Egypt 4397
  in bee hives, in Egypt 4397
chromobacteraceae, in, *Lymantria dispar,* in Connecticut 4878
chromycin (antibiotic) (*see* Tetracycline, monohydrochloride)
chrysocharella, parasitising, *Phytomyza vomitoriae,* in Georgia (USA) 481
chrysocharella chlorogaster
  in Netherlands 456
  parasitising, *Stigmella malella,* in Netherlands 456
chrysocharella formosa
  in Netherlands 2330
  parasitising, *Stigmella pyri,* in Netherlands 2330
chrysocharis ritchiei
  flight activity in 4825
  in Kenya 4825
  parasitising, *Leucoptera meyricki,* in Kenya 4825
cigona ignefusalis (see *Haimbachia*)
clerda campinensis
  in Brazil 1032
  on sugar-cane, in Brazil 1032
  parasitised by
    Aenasioidea aclerdae, in Brazil 1032
    Cheiloneurus longisetaceus, in Brazil 1032
  preyed on by, *Rhinoleucophenga obesa,* in Brazil 1032
clerdae, Aenasioidea
Acleris comariana
  in Canada 2766
  on strawberry, in British Columbia 2766
Acleris crocopepla
  in China 5125
  on apple, in China 5125
Acleris gloverana
  in Canada 2386
  in USA (Alaska) 2259
  parasitised by
    Chorinaeus californicus, in Alaska 2259
    Gelis apantelis, in Alaska 2259
    Mastrus laplantei, in Alaska 2259
    Scambus decorus, in Alaska 2259
Acleris sparsana
  in Netherlands 5124
Acleris sparsana *contd.*
  larval mandibles in 5124
  on apple, in Netherlands 5124
acletus, Scapteriscus
Aclypea opaca (see *Silpha*)
Acmopolynema hervali, parasitising, *Aeneolamia selecta,* and biological control using 496
Acontia notabilis
  in Pakistan 3252
  on cotton, in Pakistan 3252
Acontia opalinoides
  in India 4351
  on cotton, in Haryana 4351
Acorus calamus, Dicerura iridis on, in Lithuania 3953
***Acorus calamus* oil,** against, *Callosobruchus chinensis* 783
acraea, Estigmene
Acrex (*see* Dinobuton)
Acrex EC 30 (*see* Chlorfenson [?])
Acricid (*see* Binapacryl)
Acrididae, hormones in 1726
Acridiophaga caridei
  in Argentina 1813
  parasitising, *Schistocerca americana,* in Argentina 1813
Acridoidea, in Nigeria 3634
Acrobasis caryae
  in Mexico 2761
  on walnut, in Mexico 2761
  parasites of, in Mexico 2761
Acrobasis indigenella
  biology of 1145
  in USA 1145
  on ornamental plants, in Illinois 1145
  parasitised by, *Nemorilla pyste,* in Illinois 1145
Acrobasis vaccinii
  control of 152
  in USA 152
  on cranberry, in USA 152
Acrocercops
  on soy bean
    damage caused by 616
    in Uttar Pradesh 616
Acroglossa vetula
  in Venezuela 1010
  parasitising, *Spodoptera frugiperda,* in Venezuela 1010
Acrolepia assectella
  biology of 3779
  control of
    Bacillus thuringiensis for 4500
    insecticides for 4500
  in France 3779, 4500
  in USSR 1130
  mating potentiality of 1320
  on leek
    forecasting infestations of 3779
    in France 3779, 4500
  on onion, in Buryatia 1130

Acrolepia assectella *contd.*
scent organ in 10
sex pheromone gland in 10
sex pheromone of 3005
sexual activity in 1711
Acromyrmex heyeri
in Uruguay 99
nest structure in 99
Acromyrmex hispidus
in Uruguay 99
nest structure in 99
Acromyrmex lundi
in Uruguay 99
nest structure in 99
Acromyrmex octospinosus
control of, baits for 2244–2246
in Trinidad and Tobago 2244–2246
Acromyrmex octospinosus echinatior, in Mexico 1681
Acronicta leporina
in USSR 2855
on *Betula,* in USSR 2855
turnip yellow mosaic virus in, not transmitted 3867
Acronicta psi
in USSR 2855
on *Betula,* in USSR 2855
Acronicta rumicis
diapause in 4124
emergence in 1789
Acronicta rumicis oriens, in South Korea 151
acrossus, Coccus
Acrosternum marginatum, in Virgin Islands 4141
Acrotylus insubricus, in Sudan 981
Acrylonitrile (*see* 2-Propenenitrile)
Actellic (*see* Pirimiphos-methyl)
Actia nudibasis
in Denmark 1165
in France 678
parasitising
Petrova resinella
in Denmark 1165
in France 678
Rhyacionia buoliana, in Denmark 1165
Actias selene, reproduction in 3455
Actinomycin, in *Citrus,* effects on mites of 3744
Actinomycin D
in *Dendroctonus pseudotsugae,* blocking yolk deposition in oocytes 2987
in *Drosophila melanogaster,* effects on sigma virus of 2467
in *Pyrrhocoris apterus,* effects on embryogenesis of 1717
in *Tenebrio molitor,* effects on cuticle amino acids of 339
Aculeata
in Malta 4149
in Tanzania 73
aculeatus, Haplothrips
aculeatus, Macromischoides
aculeus, Tarsonemus
Aculops lycopersici
control of 1925
in Australia 1925
in Egypt 1337
on tomato
in Egypt 1337
in Tasmania 1925
Aculus comatus
biology of 1889
in USA 1889
on hazel, in Oregon 1889
Aculus cornutus
in Egypt 1337
in USA 4304
on almond, in Egypt 1337
on peach
distribution pattern of 4304
in Egypt 1337
in Georgia (USA) 4304
Aculus schlechtendali
control of, acaricides for 163
in USA 163–164
on apple
effects of sprinklers on 164
in Washington 163–164
acuminata, Aelia
acuminata, Kilifia, (*Lecanium*)
acuta, Chiloloba
acuta, Leptocorisa
acuta, Plusia
acuteangulatus, Gonocerus
acutihirsutus, Lachnus
acutirostris, Cinara
acutissimus, Podisus
acutulus, Apanteles
acvapimensis, Camponotus
Acyrthosiphon assiniboinensis
sp. n., description of 315
in Canada 315
on *Potentilla fruticosa,* in Manitoba 31
Acyrthosiphon dirhodum
aggregation in 500
biology of 1028
effects of food-plant on 492
control of 1028
insecticides for 124
development in 2174
Entomophthora aphidis in, in UK 104
E. planchoniana in, in UK 1038, 1040
E. thaxteriana in, in UK 1040
fecundity in 2174
flight activity in 4186
in Chile 3156
in UK 500, 1028, 1038, 1040, 2287, 3133, 3677, 4186–4187
in West Germany 124
landing response in 4187
mortality in 2174

yrthosiphon dirhodum contd.
  on barley
    in UK 1040
    in West Germany 124
  on grain crops, distribution pattern of 500
  on maize, in West Germany 124
  on oats, in West Germany 124
  on rye, in West Germany 124
  on wheat
    in Chile 3156
    in UK 1038
    in West Germany 124
  overwintering in 3677
  parasites of, in UK 3133
  predators of, in UK 3133
  traps for 4186
cyrthosiphon festucae
  biology of 1028
  control of 1028
  Entomophthora aphidis in, in UK 1038
  E. thaxteriana in, in UK 1038
  flight activity in 4186
  in UK 1028, 1038, 4186
  on wheat, in UK 1038
  parasitised by, *Aphelinus asychis* 908
  traps for 4186
  triglycerides in 4083
cyrthosiphon gossypii
  biology of 3808
  control of, insecticides for 3808
  in Turkey 3808
  in USSR 3808
  on cotton
    in Turkey 3808
    in Uzbekistan 3808
cyrthosiphon papaverinum
  in USSR 2702
  on *Papaver somniferum,* in Kirghizia 2702
cyrthosiphon pelargonii rogersii
  in Spain 1075
  on strawberry, in Spain 1075
cyrthosiphon pisum
  aggregation in, effect of *Juniperus* extracts on 914
  alarm pheromone in 3474
  alate production in 873
  bean leaf-roll virus in, transmission of 4864–4865
  biology of 1916
  control of 1881
    insecticides for 1119, 2484
    juvenile hormone analogues for 1588
    methods of testing repellents for 3934
    multilateral 924
  cowpea mild mottle virus not transmitted by 614
  dispersal of, effects of predators on 2583
  Entomophthora spp. in, in USSR 3881
  E. aphidis in, in Argentina 1198
  E. obscura in, in Argentina 1198
Acyrthosiphon pisum contd.
  false pea leaf-roll virus in, not transmitted 2814
  fecundity in, effects of food-plant on 1593–1594
  feeding behaviour in 2575
    effects of amino acids on 370
    effects of sinigrin on 1701
  food-plants of, selection of 375, 3420, 3515
  fundatrix factor in 1288
  hyperparasitised by
    Alloxysta spp., in France 4763
    Charips spp., in France 4763
  in Argentina 1198
  in Bulgaria 1916
  in Canada 2668
  in Czechoslovakia 924, 4978
  in Egypt 311
  in Finland 5237
  in France 4763
  in India 1120–1121
  in Iran 1119
  in UK 4865
  in USA 89, 1881
  in USSR 1000, 3881
  lucerne mosaic virus in, transmission of 150
  mycetocytes in 2990
  mycetome symbionts in 1357
  nutrition of 1298
  on bean, in Iran 1119
  on lucerne
    in Argentina 1198
    in Bulgaria 1916
    in Czechoslovakia 924, 4978
    in France 4763
    in Washington 1881
  on maize, in Mississippi 89
  on pea
    in British Columbia 2668
    in Bulgaria 1916
    in Finland 5237
    in India 1120
    in Rajasthan 1121
    resistance to 5148, 5237
  on *Solanum melongena,* in Bulgaria 1916
  on *Trifolium,* in Bulgaria 1916
  on *Trifolium hybridum,* resistance to 5238
  on *Trifolium repens,* resistance to 5238
  on *Vicia faba*
    effects of soil on 1317
    in Finland 5237
  on *Vicia sativa,* in Bulgaria 1916
  orientation in 4625
  parasites of, effects of insecticides on 4978
  parasitised by
    Aphelinus asychis 908
    Aphidius ervi
      in British Columbia 2668

- ***Acyrthosiphon pisum*** *contd.*
  - parasitised by *contd.*
    - *Aphidius ervi contd.*
      - in Czechoslovakia 924, 4978
      - in France 4763
    - *A. picipes,* in Czechoslovakia 924
    - *A. pulcher,* in British Columbia 2668
    - *A. smithi,* in British Columbia 2668
    - *A. urticae,* in Czechoslovakia 924
    - *Monoctonus paulensis* 1378
    - *Pachyneuron siphonophorae,* in Argentina 1198
    - *Praon* spp., in France 4763
    - *P. barbatum,* in Czechoslovakia 924
    - *P. volucre,* in Argentina 1198
    - *Toxares deltiger,* in France 4763
  - pea enation mosaic virus in
    - effects of 331
    - localisation of 732
    - transmission of 234, 238, 2426, 4864–4865, 5214
  - pea enation virus in, transmission of 4330
  - pea leaf-roll virus in
    - persistence of 200
    - transmission of 199, 611, 3229
      - effects of plant on 4789
  - preyed on by
    - *Chrysopa perla* 3456
    - *Coccinella septempunctata* 4913
      - in India 1120
      - in USSR 1000
    - *Eriopis connexa,* in Argentina 1198
    - *Menochilus sexmaculatus,* in India 1120
    - *Syrphus corollae* 2583
  - sexual forms of 2114
  - sexual morph determination in 1286
  - symbionts in 2990
  - watermelon mosaic virus in, transmission of 735
- ***Acyrthosiphon sesbaniae***
  - in Egypt 311
  - on *Vicia faba,* in Egypt 311
  - pea leaf-roll virus in, transmission of 3229
  - Sudanese broad bean mosaic virus in, transmission of 2811
- ***Acyrthosiphon solani*** (see *Aulacorthum*)
- ***Adalia bipunctata***
  - biology of 1001
  - in Bulgaria 3765
  - in Chile 3156
  - in Italy 1144
  - in Poland 1001
  - in Turkey 4459
  - in UK 3136
  - in USSR 1000, 2622
  - Mermithidae in, in Kazakhstan 2622
  - preying on
    - *Alnetoidia alneti,* in UK 3136
- ***Adalia bipunctata*** *contd.*
  - preying on *contd.*
    - aphids
      - in Chile 3156
      - in Poland 1001
    - *Brevicoryne brassicae,* in Bulgaria 3765
    - *Cedrobium laportei,* in Italy 1144
    - *Eucallipterus tiliae,* in UK 3136
- ***Adalia decempunctata***
  - in Italy 1144
  - preying on
    - *Cedrobium laportei,* in Italy 1144
    - *Ephestia kuehniella* 4163
- ***Adalia fasciatopunctata***
  - in USSR 2622
  - Mermithidae in, in Kazakhstan 2622
- ***Adalia flavomaculata*** (see *Lioadalia*)
- ***Adalia tetraspilota,*** preying on, *Adelges* sp 2674
- ***adanae, Erythroneura***
- ***adela, Trirhabda***
- ***Adelencyrtus aulacaspidis,*** reproductive system in 4098
- ***Adelges***
  - population dynamics of, effects of predation on 837
  - predators of, in Himalayas 2674
- ***Adelges abietis***
  - in West Germany 3836
  - on *Picea*
    - in West Germany 3836
    - resistance to 3836
- ***Adelges joshii,*** predators of, in Himalayas 2674
- ***Adelges knucheli,*** predators of, in Himala 2674
- ***Adelges laricis***
  - in China 2398
  - on *Larix,* in China 2398
- ***Adelges nordmannianae***
  - control of 707
    - insecticides for 708
  - in Austria 707
  - on *Abies alba,* in Austria 707
  - on *Picea orientalis,* in Austria 707
- ***Adelges piceae***
  - biology of 2858
  - in Canada 2386, 2858
  - in USA 1957, 4376
  - natural enemies of 2871
  - on *Abies amabilis,* in British Columbia 2858
  - on *Abies fraseri*
    - damage caused by 1957
    - effects of 4376
    - in North Carolina 1957, 4376
  - on *Abies grandis,* in British Columbia 2858
  - on *Abies lasiocarpa,* in British Columbia 2858

lges roseigallis
p. n., description of (in *Sacchiphantes*)
  2398
n China 2398
n *Larix,* in China 2398
lges tardus
ontrol of, insecticides for 3613
n Belgium 3613
n *Picea,* in Belgium 3613
lges viridanus
n China 2398
n *Larix,* in China 2398
lges viridis
n China 2398
n *Larix,* in China 2398
axonomy of, characters distinguishing *A.*
  roseigallis and 2398
elgimyza strobilobii 1667
elina melolonthae, in, *Melolontha*
melolontha 3323
elocera subcostata, in Virgin Islands
4141
elognathus dorsalis, [?] parasitising,
Neodiprion tsugae, in Alaska 2259
elphocoris lineolatus
n USSR 147
n lucerne
  damage caused by 3177
  in USSR 147
enosine

n *Melilotus officinalis,* feeding stimulant
  for *Sitona cylindricollis* 2752
yclic 3′,5′-(hydrogen phosphate), in
  Schistocerca gregaria, increasing
  secretion by Malpighian tubules 4199
3′-(dihydrogen phosphate), in *Melilotus*
  officinalis, feeding stimulant for *Sitona*
  cylindricollis 2752
5′-(tetrahydrogen triphosphate), in
  Melilotus officinalis, feeding stimulant
  for *Sitona cylindricollis* 2752
lesmia, parasitised by, Sarcophagidae, in
Turkmenia 996
junctus, Dendroctonus
ligatus, Betasyrphus, (*Syrphus*)
oceta, Cryptoblabes
lonia undecimnotata (see *Semiadalia*)
lonia variegata
elytral pattern of 4564
in Bulgaria 3765
in India 4351
in South Korea 3642
preying on
  Brevicoryne brassicae, in Bulgaria
    3765
  Hyphantria cunea, in South Korea
    3642
lonia 11-notata (see *Semiadalia*
undecimnotata)
lonidum, Pseudococcus

Adonis vernalis, Lygaeus equestris on 5025
Adoretus cribrosus
  in Rhodesia 4742
  on wheat, in Rhodesia 4742
Adoxophyes fasciata, sex pheromone of,
  responses to components of 4087
Adoxophyes orana
  attractants for, sex pheromone as
    3475–3476
  biology of 559
  control of 556
    Bacillus thuringiensis for 1461
    insecticides for 559, 656, 3196
    sterile-insect release for 1464
  dispersal of 1464, 3614
  granulosis virus in
    and biological control using, in Japan
      4888
    infectivity of 4887
  in China 5125
  in France 559
  in Hungary 1084, 2503
  in Italy 5122
  in Japan 4888
  in Netherlands 1461, 1464, 3475–3476,
    3614, 5124
  in Spain 3196
  in West Germany 3736
  juvenile hormone analogues in, activity of
    2561
  larval mandibles in 5124
  mating competitiveness in, effects of
    rearing conditions on 3016
  on apple
    in China 5125
    in France 559
    in Hungary 1084, 2503
    in Italy 5122
    in Japan 4888
    in Netherlands 1461, 3475–3476, 3614,
      5124
    in Spain 3196
    in West Germany 3736
  on pear
    damage caused by 3739
    in France 559
    in Hungary 1084
    in Italy 5122
  parasites of, effects of granulosis virus on
    4888
  parasitised by, *Apanteles tersus,* in
    Hungary 2503
  rearing of
    diets for 1092
    techniques for 3014
  sterilisation of
    fast neutrons for 3015
    γ-irradiation for 1092
    X-rays for 3015
  traps for 3614, 3736
Adoxophyes reticulana (see *A. orana*)

- ***Adoxus obscurus villosulus***
  - in Turkey 4469
  - on grape vine, in Turkey 4469
- ***Adoxus vitis* auct.** (see *A. obscurus*)
- ***Adris tyrannus amurensis***
  - control of, orchard lighting for 2336
  - in Japan 2336
  - on peach, in Japan 2336
- ***advena, Ahasverus***
- ***advenella, Eurhodope,*** (*Rhodophaea*)
- ***Aedes aegypti***
  - cell cultures from, *Malacosoma* polyhedrosis virus in 2007
  - development in, effects of azasteroids on 1604
  - juvenile hormone analogues in, activity of 2562
- ***Aegeria exitiosa***
  - in USA 3466, 3562
  - sex pheromone of, localisation of 3466
  - traps for 3466, 3562
- ***Aegeria pictipes,*** traps for 4629, 4658
- ***Aegeria scitula***
  - in USA 3834
  - on *Cornus florida*
    - effects of 3834
    - in Connecticut 3834
- ***Aegithalos,*** preying on, *Zeiraphera diniana* 1016
- ***aegopodii, Aulacorthum solani***
- ***aegopodii, Cavariella***
- ***aegypti, Aedes***
- ***aegyptia, Strobliomyia*** (see *S. orbata*)
- ***aegyptiaca, Acaropsis***
- ***aegyptiaca, Icerya***
- ***aegyptica, Sarcophaga,*** (*Parasarcophaga*)
- ***aegyptium, Anacridium***
- ***aegyptium, Xanthogramma,*** (*Ischiodon*)
- ***Aegyptobia salixi***
  - in Egypt 92
  - on *Salix,* in Egypt 92
  - taxonomy of, characters distinguishing *A. sayedi* and 92
- ***Aegyptobia sayedi***
  - sp. n., description of 92
  - in Egypt 92
  - on *Cupressus sempervirens,* in Egypt 92
- ***Aegyptobia tragardhi***
  - in Egypt 92
  - on *Thuja,* in Egypt 92
  - taxonomy of, characters distinguishing *A. sayedi* and 92
- ***Aelia***
  - on wheat
    - damage caused by 2289
    - in Spain 1407
  - parasites of, in Morocco 2722
  - seasonal abundance of 504
- ***Aelia acuminata***
  - control of, juvenile hormone analogues for 1720
  - in Morocco 2721
- ***Aelia acuminata*** *contd.*
  - on wheat, in Morocco 2721
- ***Aelia cognata***
  - in Morocco 2721
  - on wheat, in Morocco 2721
- ***Aelia germari***
  - biology of 1406
  - control of 1406
  - in Morocco 2721
  - in Spain 1406
  - on wheat
    - in Morocco 2721
    - in Spain 1406
- ***Aelia rostrata***
  - control of, insecticides for 4440, 4521
  - in Turkey 4440, 4521
- ***Aeluropus littoralis,*** *Porphyrophora hame* on, in Armenia 2220
- ***aemula, Epizeuxis***
- ***Aenasioidea aclerdae***
  - sp. n., description of 1032
  - in Brazil 1032
  - parasitising, *Aclerda campinensis,* in Brazil 1032
- ***aenea, Anomala***
- ***aenea, Chrysomela,*** (*Melasoma*)
- ***aenea, Halticoptera***
- ***Aeneolamia contigua postica*** (see also *Aeneolamia postica*)
  - biology of 2745
  - control of, cultural practices for 2744
  - in Mexico 2743
  - in pasture
    - assessment of damage by 2746
    - in Mexico 2743
- ***Aeneolamia postica*** (see also *Aeneolamia contigua postica*)
  - control of, insecticides for 497
  - in Mexico 497
  - on sugar-cane, in Mexico 497
- ***Aeneolamia postica jugata***
  - in Belize 1030
  - in Trinidad and Tobago 1030
  - on sugar-cane
    - distribution pattern of 1030
    - in Belize 1030
    - in Trinidad 1030
- ***Aeneolamia selecta***
  - control of, *Metarhizium anisopliae* for 496, 1029
  - *Entomophthora* spp. in, in Brazil 1029
  - in Brazil 496, 1029
  - on sugar-cane, in Brazil 496, 1029
  - parasitised by, *Acmopolynema hervali,* and biological control using 496
  - preyed on by, *Salpingogaster* spp., and biological control using 496
- ***Aeneolamia varia saccharina***
  - in Belize 1030
  - in Trinidad and Tobago 1030
  - on sugar-cane
    - distribution pattern of 1030

neolamia varia saccharina *contd.*
on sugar-cane *contd.*
in Belize 1030
in Trinidad 1030
neoviridis, Catolaccus
nescens, Naranga
neus, Asaphes
neus, Chalcodermus
neus, Meligethes
neus, Selatosomus
olothrips fasciatus, in South Korea 4145
olothrips kurosawai, in South Korea 4145
quus, Mesopolobus
reus, Monodontomerus
rialis, Amblyseius
ripennis, Ctenicera
robacter aerogenes
in
Dendroctonus frontalis 2896
pathogenicity of 2445
Diparopsis watersi 3928
ruginosus, Syrphophagus
scularia, Alsophila
thiops, Epicauta
thiops, Microctonus
finis, Harpalus
finis, Xyleborus
ganensis, Cornimytilus
ghanica, Brachyunguis
ghanistan
Atomarininae in 395
Auchenorrhyncha in 392
Brachyunguis spp. in 859
Buprestidae in 393
Chloropidae in 399
Cleoninae in 397
Dolichopodidae in 401
Ephydridae in 400
Meloidae in 396
Neuroptera in 391
Procris spp. in 403
Schistocerca gregaria in 441
Trogossitidae in 394
Vespoidea in 398
Zygaena spp. in 402
flatoxin B_1, in *Drosophila melanogaster,* effects on development of 329
rasiaticus, Oligonychus, (*Paratetranychus*)

frica
Dermaptera in 2963
locusts in 4209
Tetranychidae in 4999
frica, East, sugar-cane in, pests of 1403
frica, West
Lepidopterous stem-borers in, on grain crops 2703
Thysanoptera in 321
frican violet (see *Saintpaulia*)
fricana, Gryllotalpa
fricanus, Apanteles
africanus, Aphidencyrtus
africanus, Diaspidiotus
africanus, Eutogenes
Afroeurydemus decellei
sp. n., description of 451
in Ivory Coast 451
on cacao, in Ivory Coast 451
Afromelanichneumon sporadicus
biology of 2258
in Kenya 2258
parasitising, *Ascotis selenaria,* in Kenya 2258
Afrosyrphus
aggressive behaviour of ants towards 4213
preying on, aphids, in Kenya 4213
Afrosyrphus varipes, prey specificity in 3664
afrum, Trogoderma granarium
Afugan (*see* Pyrazolo[1,5-*a*]pyrimidine-6-carboxylic acid, 2-[(diethoxyphosphinothioyl)oxy]-5-methyl-, ethyl ester) 4906
Agallia constricta, wound tumour virus in, multiplication of 233
agamemnon, Chilo
Agapeta hamana
in West Germany 3736
on apple, in West Germany 3736
traps for 3736
Agar
culture-medium component for, *Conidiobolus* spp. 1182
diet component for
Chilo auricilius 4094
Dacus oleae 5047
Epiphyas postvittana 4663
Eurygaster integriceps 2206
Heliothis armigera 4655
Hypera postica 4661
Lobesia botrana 32
Lymantria dispar 1351
Musca domestica, for testing *Bacillus thuringiensis* toxins 2193
Ostrinia nubilalis 1353
Otiorhynchus sulcatus 2122
Pardalaspis cyanescens 4664
Piophila casei 5205
Spodoptera littoralis 1790, 3551
Trichogramma pretiosum 4712
Wiseana spp. 1801
Zeiraphera diniana 1159
Agaricus arvensis (see Mushroom)
Agathis rufipes
in USSR 4770
parasitising, *Cydia pomonella,* in Moldavia 4770
agathonica, Amphorophora
Ageneotettix deorum
control of, insecticides for 3632
in USA 3632

Ageniaspis fuscicollis
  biology of 4772
  in France 4772
  in USSR 3945
  parasitising
    Yponomeuta cognatellus, in France 4772
    Y. mahalebellus, in France 4772
    Y. padellus
      in France 4772
      in Lithuania 3945
Ageniaspis fuscicollis praysincola
  in Lebanon 4312
  parasitising, *Prays oleae,* in Lebanon 4312
Ageratum conyzoides
  Melanagromyza metallica on, in India 2522
  Zonocerus variegatus on, in Nigeria 3631
Agevillea abietis
  control of, insecticides for 708
  in Czechoslovakia 5192
  on *Abies alba,* in Czechoslovakia 5192
Aggregation pheromones, in *Myrmica rubra* 4573
agilis, Eulachnus
agilis, Parasetigena
agilis, Syrrhizus
Agistemus exsertus
  acaricides in, toxicity of 2469
  biology of 540
  descriptions of 540
  in Egypt 540, 2469, 3797
  preying on
    Cenopalpus pulcher, in Egypt 2469
    Tetranychus urticae; in Egypt 3797
Agistemus floridanus
  biology of 482
  in USA 482
  preying on, *Phyllocoptruta oleivora* 482
Aglaope infausta
  biology of 3187
  control of, insecticides for 3187
  in Spain 3187
  on almond, in Spain 3187
agnatus, Meniscus (see *Lampronota nitida*)
Agraulis vanillae
  in Colombia 2009
  on *Passiflora edulis,* in Colombia 2009
  parasitised by, *Trichogramma minutum,* in Colombia 2009
  polyhedrosis virus in, in Colombia 2009
Agria latifrons
  in USSR 996
  parasitising, Tenebrionidae, in Turkmenia 996
Agria 1050 (*see* Fenitrothion)
Agricultural systems, changes affecting pests in 1359
Agriella gobica
  in USSR 996

Agriella gobica *contd.*
  parasitising, Tenebrionidae, in Turkmen 996
Agrilus, on *Pistacia vera,* in Turkey 448
Agrilus ater
  in Italy 3818
  on *Populus,* in Italy 3818
Agrilus macroderus, in USSR 2853
Agrilus suvorovi populneus
  control of, insecticides for 3818
  in Italy 3818
  on *Populus,* in Italy 3818
Agriotes
  food-plants of, in Turkey 4443
  in Palaearctic region 3431, 3434
  Mermithidae in, in Kazakhstan 2622
Agriotes brevis
  descriptions of 3621
  in Europe 3621
  in Italy 3621
  on maize, in Italy 3621
  taxonomy of, characters distinguishing *sputator* and 3621
Agriotes lineatus
  in Europe 3621
  in Sweden 3964
  in UK 3105
  on oats, in Sweden 3964
  sex attractant in 3964
Agriotes nadari
  in USSR 2702
  on *Papaver somniferum,* in Kirghizia 2702
Agriotes obscurus
  Hexamermis spp. in, in Switzerland 3
  in Canada 2306
  in Europe 3621
  in Switzerland 3662
  in UK 3105
  in grassland, in Nova Scotia 2306
Agriotes peregrinus, sp. n., description of 3434
Agriotes ponticus
  biology of 56
  control of 56
Agriotes sordidus
  descriptions of 3621
  in Italy 3621
  on maize, in Italy 3621
Agriotes sputator
  food preferences of 1879
  in UK 3105
  taxonomy of, characters distinguishing *brevis* and 3621
Agriotes squalidus
  in USSR 2702
  on *Papaver somniferum,* in Kirghizia 2702
Agriotes squalidus vesperalis, subsp. n., description of 3434
Agriotes ustulatus, in Europe 3621
Agriotes vastus, sp. n., description of 34

- ***iphila plumbifimbriella***
  - n USA 4077
  - eproductive isolation in 4077
- **iya-1050** (*see* Fenitrothion)
- **ocide** (*see* BHC (γ-isomer))
- ***romyza frontella***
  - iology of 536
  - n Canada 536
  - n lucerne, in Quebec 536
- ***romyza oryzae***
  - iology of 2731
  - ontrol of 2731
  - n USSR 2731
  - n rice, in Soviet Far East 2731
- ***romyza phaseoli*** (see *Ophiomyia*)
- **omyzidae**
  - ollection of 4183
  - n Caribbean region 2960
  - n Florida 2960
  - n North America 5000
  - n Venezuela 1663
  - arasites of, in Florida 2264
  - hylogenetics of 1269
  - reparation of 4183
  - earing of, techniques for 4183
  - piracles in 2106
  - axonomy of 1269
- ***opyri, Luzulaspis***
- ***ropyron repens***
  - *hyllobius pyri* on, in Sweden 3539
  - *. viridicollis* on, in Sweden 3539
  - *chistocerca gregaria* on 984
- **rosan** (*see* Mercury, (acetato-*O*)phenyl-, with mercury chloride)
- ***rothereutes tunetanus***
  - n Egypt 1314
  - arasitising, *Orgyia dubia,* in Egypt 1314
- ***rothereutes ultimus,*** parasitising, *Hypera eximia,* in North America 3531
- ***rotis***
  - ontrol of, insecticides for 4447, 5243
  - ood-plants of, in Turkey 4443
  - n Indian region 856
  - n Spain 941
  - n *Carthamus tinctorius,* in Queensland 2827
  - n potato, in Turkey 4447
  - n sorghum, in Queensland 4276
  - n zucchini marrow, in Queensland 2809
- ***rotis exclamationis***
  - n UK 3218
  - n USSR 2702
  - n *Papaver somniferum,* in Kirghizia 2702
- ***rotis gladiaria***
  - n USA 649
  - n cotton, in Texas 649
- ***rotis ipsilon***
  - mino acids in 877
  - ntennal sensilla in 4072
  - iology of 364, 1370, 2165, 4120, 5106
  - annibalism in 4129
- ***Agrotis ipsilon*** *contd.*
  - control of
    - antifeedants for 2829
    - insecticides for 1371, 2837, 3988, 4448, 4456, 5138
  - development in, effects of food-plant on 4095
  - enzymes in 1135
  - fecundity in 4121
  - flight activity in 1326–1327, 4135
  - food plants of 5019
  - *Hexamermis arvalis* in, in Illinois 2673
  - in Colombia 1928
  - in Czechoslovakia 2165
  - in Egypt 1326–1327, 1385, 1768, 2837, 4135, 5061, 5106
  - in France 5138
  - in India 2816
  - in New Zealand 4698
  - in Turkey 4448
  - in USA 649, 2673
  - in USSR 364
  - life-span in 4121
  - on *Capsicum annuum,* in Turkey 4448
  - on cotton
    - in Colombia 1928
    - in Egypt 1385, 2837, 5106
    - in Texas 649
  - on *Cynara scolymus,* in France 5138
  - on maize
    - in Egypt 1385
    - in Illinois 2673
  - on sugar-beet, in Rajasthan 2816
  - on *Trifolium alexandrinum,* in Egypt 5106
  - parasitised by, *Meteorus laeviventris,* in Egypt 1385
  - preyed on by
    - *Labidura riparia,* in Egypt 5061
    - *Sturnus vulgaris,* in New Zealand 4698
  - seasonal abundance of 1768
- ***Agrotis malefida***
  - in USA 649
  - on cotton, in Texas 649
- ***Agrotis saucia*** (see *Peridroma*)
- ***Agrotis segetum***
  - control of
    - in USSR 4811
    - insecticides for 3196
    - integrated 1831
    - methods of testing insecticides for 3549
  - copper compounds in, toxicity of 4525
  - development in
    - changes in size of cerebrum and respiration rate during 5011
    - effects of temperature on 4744, 5163
  - dimethoate resistance in, mechanisms of 276
  - ecological plasticity in 3561
  - enzymes in 4524

Agrotis segetum *contd.*
  food plants of 5019
  haemolymph in 4523
    effects of insecticides on 277
  in India 1121, 2816, 4235
  in Spain 3196
  in UK 3218
  in USSR 994, 1830–1831, 2702, 4744, 4811, 5088, 5159, 5162–5163
  mating in 4619
  on apple, in Spain 3196
  on cotton
    in Tadzhikistan 5088, 5159, 5163
    in Turkmenia 1831
    in USSR 4811, 5162
  on maize
    in Kazakhstan 4744
    in Tadzhikistan 5088
  on *Papaver somniferum,* in Kirghizia 2702
  on pea, in Rajasthan 1121, 4235
  on sugar-beet, in Rajasthan 2816
  parasites of, in Turkmenia 994
  parasitised by
    Amblyteles panzeri, in Turkmenia 994
    Apanteles congestus, in Turkmenia 994
    Rogas dimidiatus, in Turkmenia 994
    R. pellucens, in Turkmenia 1830
  physiology of, effects of population density on 1404
  preyed on by
    Anthicus crinitus, in Rajasthan 4235
    Microlestes discoidalis, in Rajasthan 4235
  proteins in 4523
  rearing of, techniques for 83, 411, 3561
  sodium fluoride in, effects of 3393
  sterilisation of, chemosterilants for 251
  trichlorphon resistance in, mechanisms of 276
Agrotis spinifera
  in India 1121
  on pea, in Rajasthan 1121
Agrotis ypsilon (see *A. ipsilon*)
Agrypninae, taxonomy of, revision of 1268
Ahasverus advena, in Australia 2888
Aiolocaria hexaspilota
  in South Korea 3642
  preying on, *Hyphantria cunea,* in South Korea 3642
Air, phosphine in, detection of 4643
Akar (*see* Chlorobenzilate)
Akton (*see* Phosphorothioic acid, *O*-[2-chloro-1-(2,5-dichlorophenyl)ethenyl] *O,O*-diethyl ester) 2304
Alabama
  Anticarsia gemmatalis in, on soy bean 4794
  Diatraea grandiosella in 2724
  Ephestia cautella in 2875
Alabama *contd.*
  Epilachna varivestis in, on soy bean 4794
  feral mammals in, insecticide residues in 4966
  Fiorinia theae in, on camellia 3263
  Heliothis zea in, on soy bean 4794
  Pieris rapae in, on collard 1481
  Plathypena scabra in, on soy bean 4794
  Plodia interpunctella in 2875
  Plutella xylostella in, on collard 1481
  Tribolium castaneum in, in stored groundnuts 5207
  Trichoplusia ni in, on collard 1481
Alabama argillacea
  in Colombia 1928
  in El Salvador 4502
  on cotton
    in Colombia 1928
    in El Salvador 4502
  parasitised by
    Trichogramma spp.
      and biological control using
        in Colombia 1928
        in El Salvador 4502
alacris, Eyprepocnemis
alacris, Trioza
Alamella kerrichi
  sp. n., description of 999
  in South Africa 999
  parasitising
    Nipaecoccus vastator, in South Africa 999
    Paracoccus burnerae, in South Africa 999
L-alanine
  diet component for, *Myzus persicae* 34
  in *Aphis fabae,* dietary requirement for 2988
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Locusta migratoria* gut wall
    metabolism of 2641
    permeability to 2640
  in mice, effects of insecticides on 2943
  in *Periplaneta americana,* effects of insecticides on 2943
  in *Schistocerca gregaria* gut wall
    metabolism of 2641
    permeability to 2640
  in *Tenebrio molitor* cuticle 339
Alaptus fusculus
  parasitising, *Mesopsocus unipunctatus* 4717
  population dynamics of, effects of host distribution pattern on 4717
Alar (*see* Butanedioic acid, mono(2,2-dimethylhydrazide)) 2327
Alarm pheromones
  in aphids 3474
  in *Myrmica rubra* 4573

ska
  cleris gloverana in, natural enemies of 2259
  ydia youngana in
    natural enemies of 2259
    on *Picea* 2259
  ambdina fiscellaria in, natural enemies of 4721
  eodiprion tsugae in, natural enemies of 2259
***skensis, Pachynematus,* (*Pikonema*)**
***skensis, Pyracmon,* (*Rhimphoctona*)**
atus, Plagiognathus
erta
  tenicera aeripennis in, on potato 1920
  imonius californicus in, on potato 1920
  Macrosiphum avenae in, on wheat 2720
  Monochamus spp. in, on *Pinus* 4849
  Tetropium cinnamopterum in, on *Picea* 1672
  T. parvulum in
    natural enemies of 1172
    on *Picea* 1172, 1672
ertinia apiculata
  en. et sp. n., description of 305
  n South Africa 305
  n *Anthospermum aethiopicum,* in South Africa 305
iceps, Phytomyza
icinctus, Orosius
ifrons, Spilochalcis
ipennis, Apanteles
ipennis. Euxoa
ipennis, Heraultia
ipes, Derostenus
ipes, Technomyrmex
istriga, Amsacta
itextura, Cardiaspina
bizia lebbek, *Polydesma umbricola* on, in Réunion 5187
ofasciatus, Spanagonicus
oguttata, Protaetia
olineana, Taniva
olineata, Chrysopa
opilosa, Anomala
opubens, Conicobruchus
opunctulatus, Pantorhytes
ostriella, Alebra
caligenes faecalis
  in
    Dendroctonus frontalis 2896
      pathogenicity of 2445
***chornea latifolia* (timber),** preservative treatments for 2423
cinoe, Bunaea
cocki, Anysis
der (see *Alnus*)
dicarb (2-methyl-2-(methylthio)propanal *O*-[(methylamino)carbonyl]oxime)
  against
    Adelges nordmannianae 708
    A. tardus 3613

Aldicarb *contd.*
  against *contd.*
    Agevillea abietis 708
    Anthonomus grandis 3923, 4822
    Aphis craccivora 3774
    A. gossypii 2367, 4816
    A. pomi 3731
    Asterolecanium pustulans 215
    Athalia lugens 2808
    Atherigona soccata 1062
    Bagrada hilaris 2808
    Cicadulina mbila 4254
    C. parazeae 4254
    C. storeyi 4254
    Cryptorhynchus lapathi 708
    Empoasca decipiens 3774
    E. fabae 1495
    Eotetranychus hicoriae 3721
    Epilachna varivestis 3773
    Eulecanium spp. 2699
    Fiorinia theae 3263
    Frankliniella spp. 4816
    Gynaikothrips ficorum 1953
    Hyadaphis erysimi 2808
    Hylemya antiqua 1922
    Liriomyza trifolii 3774
    Meloidogyne javanica 2813
    Monellia spp. 3721
    Myzus humuli 122
    M. persicae 1495, 5152
    Panonychus citri 2065
    P. ulmi 1639, 3731
    pests of squash 3771
    Phthorimaea operculella 1495
    Phyllocoptruta oleivora 2065
    Phylloxera notabilis 3722
    Phytomyza horticola 4335
    Pratylenchus penetrans 3731
    Psallus seriatus 4816, 4822
    Psylla pyricola 1639
    Rhopalosiphum maidis 1874
    Schizaphis graminum 1874
    Spodoptera littoralis 645
    Stomopteryx subsecivella 2813
    Tetranychus arabicus 3774
    T. mcdanieli 1639
    T. urticae 4919
    Tettigella viridis 708
    thrips 1931
    Thrips tabaci 1495, 1933, 2367
  determination of 4642
  formulations of 3923
    slow-release 4822
  in apples, residues of 1639
  in cotton
    residues of 4964
    uptake of 2953
  in cotton-fields, non-target effects of 4816
  in cotton seeds, residues of 1639
  in fowls
    metabolism of 273

Aldicarb *contd.*
  in fowls *contd.*
    residues of 273
  in pears, residues of 1639
  in potato, no ill effects from 5152
  in soil
    leaching of 4025
    mobility of 4026
    persistence of 4027
    residues of 4964
  in sugar-beets, residues of 1639
  in *Trifolium alexandrinum,* effects of 4014
  in *Vicia faba,* effects of 4014
  with disulfoton
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
  with phorate
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
Aldicarb sulfone (*see* Propanal, 2-methyl-2-(methylsulfonyl)-, *O*-[(methylamino)carbonyl]oxime)
Aldicarb sulfoxide (*see* Propanal, 2-methyl-2-(methylsulfinyl), *O*-[(methylamino)carbonyl]oxime)
Aldrex (*see* Aldrin)
Aldrin ((1α,4α,4aβ,5α,8α,8aβ)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene)
  against
    Acromyrmex octospinosus 2244–2246
    Agrotis spp. 4447
    A. ipsilon 4456
    Anacanthotermes ochraceus 3862
    Anomala marginipennis 543
    Anthrenus flavipes 4399
    Atta cephalotes 2244–2246
    Ceratitis capitata 2933
    Diabrotica longicornis 1415
    Drosophila melanogaster 2933, 3996
    Elasmopalpus lignosellus 1876
    Heliothis armigera 2354
    leaf-cutting ants 1819
    Leptinotarsa decemlineata 626
    Leucopholis coneophora 543
    Maladera spp. 4504
    Nymphula depunctalis 5098
    Ophiomyia phaseoli 613
    Perotis lugubris 1081
    pests of jute 2839
    Phalanta phalantha 4389
    Podagrica puncticollis 1136
    Polyphylla spp. 4447
    Psammotermes fuscofemoralis 3862
    Psilopholis vestita 544
    Rhizoecus cacticans 1147
    Spodoptera frugiperda 5092

Aldrin *contd.*
  against *contd.*
    Tanymecus dilaticollis 3931
    termites 4389
    Tibiomus gossypii 1362
  determination of 2468
  FAO specifications for 792
  in *Accipiter nisus,* toxicity of 3414
  in bean, metabolism of 2052
  in carrots, residues of 1640
  in fowls, residues of 2046
  in *Heliothis virescens,* metabolism of 1619
  in pea, metabolism of 1229, 2052
  in potato, residues of 4962
  in rodents, residues of 1646
  in rumen, effects of 4968
  in soil, residues of 4962, 4976
  in water, residues of 2495
  in wildlife, residues of 2955
  resistance to, in
    Cosmopolites sordidus, in New South Wales 4782
    Hylemya brassicae, in Wisconsin 149
  with fertilisers 626
Alebra albostriella
  in Italy 2318
  on hazel, in Italy 2318
Aleochara bipustulata, in Netherlands 36
aletiae, Megaselia
Aleurocanthus woglumi
  control of, insecticides for 3754
  food-plants of 2632
  in India 2278
  in Oman 3754
  in Venezuela 2632
  on *Chloroxylon swietenia,* in India 227
  on lime (*Citrus*), in Oman 3754
  traps for 2756
aleurodici, Coccophagus
Aleurodicus cocois
  control of, insecticides for 1887
  in Brazil 1887
  on *Anacardium occidentale,* in Brazil 1887
  on coconut, in Brazil 1887
  parasitised by, *Coccophagus aleurodici,* and biological control using, in Brazil 1887
  preyed on by, *Clitostethus dispar,* and biological control using, in Brazil 1887
Aleurodicus jamaicensis
  in Jamaica 4416
  on coconut, in Jamaica 4416
Aleurolobus, parasitised by, *Eretmocerus* spp., in India 2081
Aleurolobus barodensis
  control of, insecticides for 1034
  in Pakistan 1034
  on sugar-cane, in Pakistan 1034

leurothrixus floccosus
  control of, insecticides for 3748, 5130
  distribution maps of 3544
  in Brazil 5130
  in France 576, 4225
  in Spain 3748
  on *Citrus*
    in France 576, 4225
    in Spain 3748
  on orange, in Brazil 5130
  parasitised by, *Cales noacki,* and biological control using, in France 576, 4225
leyrodes brassicae, taxonomy of, *Aleyrodes proletella* distinct from 3445
leyrodes proletella
  biology of 3767
  descriptions of 3445
  in Egypt 3767
  parasitised by, *Encarsia partenopea,* in Egypt 3767
  taxonomy of, *Aleyrodes brassicae* distinct from 3445
leyrodidae
  in Egypt 3
  natural enemies of, in Turkmenia 457, 997
  on cotton
    in Iran 4360
    in Ivory Coast 2373
lfa-Tox (*see* Diazinon)
lfalfa (*see* Lucerne)
lfalfa dwarf disease, causal agent, rickettsia-like organisms implicated as 554
lfalfa mosaic virus
  in
    Acyrthosiphon pisum, transmission of 150
    Myzus persicae, transmission of 150
lfalfa weevil (see *Hypera postica*)
lgae, DDT in, uptake and metabolism of 4965
lgeria, *Pinus* in, pests of 667
lginic acid, sodium salt, diet component for, *Epiphyas postvittana* 4663
lienus, Lasius
liesterase (*see* Esterase, carboxyl)
linae, Epitrimerus
lkaloids
  in mango, not related to susceptibility to *Mycetaspis personata* 2790
  in tobacco, effects of insecticides on 4920
lkyltransferase, glutathione *S*-, in *Heliothis virescens,* relation of insecticide resistance and 1619
llantus calceatus (see *Emphytus*)
llantus cinctus (see *Emphytus*)
llethrin (2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)
Allethrin *contd.*
  against
    Sitophilus granarius 3400
    Tribolium castaneum 3400
  in rats, metabolism of 2047
  stabilisation of thin films of 1614
  synergists for, piperonyl butoxide as 3400
  (1*R-trans*)-
    acaricidal activity of 2484
    against
      pests of stored products 772
      Sitophilus granarius 3400
      Tribolium castaneum 3400
    insecticidal activity of 2484
    synergists for, piperonyl butoxide as 3400
  [1*R*-[1α(*S*✱),3β]]-
    acaricidal activity of 2484
    in rabbits, toxicity of 2484
    in rats, toxicity of 2484
    insecticidal activity of 2484
***d-trans*-Allethrin** (*see* Allethrin, (1*R-trans*)-)
(+)-*trans*-Allethrin (*see* Allethrin, (1*R-trans*)-)
Alligatorweed (see *Alternanthera philoxeroides*)
alliovara, Liriomyza (see *L. trifolii*)
Allium ascalonicum (see Shallot)
Allium cepa (see Onion)
Allium porrum (see Leek)
Allium sativum (see Garlic)
Allograpta
  aggressive behaviour of ants towards 4213
  preying on, aphids, in Kenya 4213
Allograpta calopus
  in South Africa 601
  prey specificity in 3664
  preying on, aphids, in South Africa 601
Allograpta obliqua
  in USA 604
  preying on, *Brevicoryne brassicae,* in California 604
Allograpta pulchra
  in Chile 3156
  preying on, aphids, in Chile 3156
Allolobophora chlorotica, parasitised by, *Pollenia rudis* 1852
Alloneura oryzaetora
  development in 454
  parasitising, *Nephotettix cincticeps* 454
Allothrombium fuliginosum
  in Italy 3538
  preying on, *Dysaphis plantaginea,* in Italy 3538
Allotropa burrelli, parasitising, *Pseudococcus comstocki,* and biological control using, in USSR 1883
Allotropa convexifrons, parasitising, *Pseudococcus comstocki,* and biological control using, in USSR 1883

Allotropa subclavata
  sp. n., description of 1014
  in Japan 1014
  parasitising
    Planococcus kraunhiae
      and biological control using 1015
      in Japan 1014
Alloxysta
  hyperparasitising
    Acyrthosiphon pisum, in France 4763
    aphids, in UK 3133
    Brevicoryne brassicae, in Bulgaria . 3765
  parasitising, *Diaeretiella rapae,* in Bulgaria 3765
Alloxysta brassicae
  hyperparasitising, *Brevicoryne brassicae,* in California 604
  in USA 604
Alloxysta tscheki
  hyperparasitising, *Capitophorus horni,* in France 1392
  in France 1392
  parasitising, *Aphidius matricariae,* in France 1392
Allyxycarb (*see* Phenol, 4-(di-2-propenylamino)-3,5-dimethyl-, methylcarbamate (ester))
Almond (*Prunus amygdalus*)
  Aculus cornutus on, in Egypt 1337
  Aglaope infausta on, in Spain 3187
  Anarsia lineatella on, in Spain 3727
  Brachycaudus persicae on, in New South Wales 4192
  Cydia pomonella on, in Bulgaria 3188
Almond (stored nuts)
  bromomethane in, residues of 4016
  Oryzaephilus surinamensis in, in Bulgaria 3188
  Plodia interpunctella in, in Bulgaria 3188
  Tribolium confusum in, in Bulgaria 3188
alneti, Alnetoidia
Alnetoidia alneti
  in Italy 2318
  in UK 3136
  on hazel, in Italy 2318
  on *Tilia,* in UK 3136
  preyed on by, *Adalia bipunctata,* in UK 3136
Alnus
  Heterarthrus vagans on, in Netherlands 3671
  Rheumaptera hastata on, in North America 296
  R. subhastata on, in North America 296
aloeus, Strategus
Alophora subcoleoptrata (see *Phasia*)
Alphacel (*see* Cellulose)
Alphitobius, in stored rice 1986
Alphitobius diaperinus
  chitinase in 334
***Alphitobius diaperinus** contd.*
  karyotype and sex-mechanism in 3013
alpinus, Colaphellus
Alsophila aescularia, in UK 2329
Alsophila pometaria
  in USA 5066
  parasitised by
    Ooencyrtus spp., in Virginia 5066
    Telenomus alsophilae, in Virginia 506
    Trichogramma minutum, in Virginia 5066
alsophilae, Telenomus
altaica, Chrysopa
Altermetoponia
  control of, insecticides for 5081
  on sugar-cane, in Queensland 5081
Altermetoponia flava, in Australia 5082
Altermetoponia rubriceps
  biology of 4734
  in Australia 3665, 4734, 5082
  on sugar-cane, in New South Wales 3665, 4734
  parasitised by, *Neurogalesus militis,* in New South Wales 3665
alternans, Laemophloeus
Alternanthera philoxeroides
  Vogtia malloi on
    and biological control using
      in Florida 1862
      in Georgia (USA) 1862
alternata, Disonycha
alternatus, Monochamus
alternatus, Nabis
alternella, Cnephasia (see *C. stephensiana*)
Althaea rosea, Earias insulana on, in Egyp 4191
Altica subplicata
  biology of 3670
  in USA 3670
  on *Salix amygdaloides,* in South Dakota 3670
  on *Salix interior,* in South Dakota 367
Alticinae, in Oceania 2958
Altodel (*see* 2,4-Dodecadienoic acid, 3,7,11 trimethyl-, 2-propynyl ester, (*E,E*)-)
Altorick (*see* 2,4-Dodecadienethioic acid, 11-methoxy-3,7,11-trimethyl-, *S*-ethyl ester, (*E,E*)-)
Altosid (*see* 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 1-methyleth ester, (*E,E*)-)
  2873
Altozar (*see* 2,4-Dodecadienoic acid, 3,7,1 trimethyl-, ethyl ester, (*E,E*)-)
  1205
  2035
  2873
Aluminium foil, as reflective mulch agains *Diaphania nitidalis* 4328
aluta, Chrysocharis
Alypia octomaculata
  biology of 2803

- ***lypia octomaculata*** *contd.*
  - rearing of, techniques for 2803
- ***mabilis, Eublemma***
- **maltas** (see *Carsia fistula*)
- ***manii, Coptotermes***
- ***mara communis***
  - in USSR 3944
  - preying on, *Argyresthia conjugella,* in Lithuania 3944
- ***mara familiaris***
  - in USSR 3944
  - preying on, *Argyresthia conjugella,* in Lithuania 3944
- ***Amaranthus,*** insect pests of, in India 1111
- **maryllis** (see *Hippeastrum*)
- ***masis, Dionychopus***
- ***Amathes*** (see *Xestia*)
- ***Amathes c-nigrum*** (see *Xestia*)
- ***mbiguella, Eupoecilia***
- ***mbiguum, Melanostoma***
- ***mbiguus, Psallus***
- ***mbiguus, Sitona***
- **mbithion** (*see* Fenitrothion, with malathion)
- ***mbitus, Tibiomus***
- ***Amblymerus bruchophagi*** (see *Mesopolobus*)
- ***Amblypelta cocophaga***
  - control of
    - encouraging ants for 4765
    - insecticides for 4765
  - in Solomon Islands 4765
  - on coconut, in Solomon Islands 4765
- ***Amblypelta lutescens***
  - in Australia 4307
  - on avocado, in Queensland 4307
- ***Amblypelta lutescens lutescens***
  - in Australia 1456
  - on *Macadamia,* in Queensland 1456
- ***Amblypelta nitida***
  - in Australia 4307
  - on avocado, in Queensland 4307
- ***Amblypelta theobromae***
  - in Papua New Guinea 4144
  - on cacao, in Papua 4144
- ***Amblyseiella setosa*** (see *Amblyseius*)
- ***Amblyseius,*** in Egypt 848
- ***Amblyseius aberrans***
  - carbaryl in, toxicity of 2946
  - dimethoate in, toxicity of 2946
  - malathion in, toxicity of 2946
- ***Amblyseius aerialis***
  - biology of 187
  - in USA 187
- ***Amblyseius barkeri*** (see also *Typhlodromus barkeri*)
  - descriptions of 3451
  - in West Germany 1828
- ***Amblyseius chilenensis***
  - biology of 3668
  - preying on, *Tetranychus urticae* 3668
- ***Amblyseius coatesi***
  - sp. n., description of 309
- ***Amblyseius coatesi*** *contd.*
  - in South Africa 309
- ***Amblyseius deleoni***
  - biology of 187
  - in USA 187
- ***Amblyseius dorsatus***
  - biology of 187
  - in USA 187
- ***Amblyseius fallacis***
  - azinphos-methyl in, toxicity of 3126
  - azinphos-methyl resistance in 1389
  - carbaryl resistance in, in Indiana 1389
  - development in, effects of food on 3126
  - herbicides in, toxicity of 2327
  - in USA 1389, 1462
  - on *Campsis radicans,* feeding on pollen 3126
  - on *Liriodendron tulipifera,* feeding on pollen 3126
  - plant growth regulators in, toxicity of 2327
  - preying on
    - *Panonychus ulmi* 3126
      - in Michigan 1462
    - *Tetranychus urticae* 3126
      - in Michigan 1462
- ***Amblyseius finlandicus***
  - feeding in 955
  - in East Germany 1087
  - in India 2709
  - in Netherlands 1080
  - on sugar-cane, in Orissa 2709
  - preying on, *Oligonychus indicus,* in Orissa 2709
- ***Amblyseius hibisci***
  - biology of 187, 1845
  - in USA 187, 1845
  - on avocado, feeding on pollen 1845
  - preying on, *Panonychus citri* 1845
- ***Amblyseius hutu,*** in Egypt 2789
- ***Amblyseius largoensis***
  - in USA (Hawaii) 3503
  - preying on, *Brevipalpus phoenicis,* in Hawaii 3503
- ***Amblyseius peregrinus***
  - biology of 187
  - in USA 187
- ***Amblyseius pieteri***
  - sp. n., description of 309
  - in South Africa 309
- ***Amblyseius potentillae*** (see also *Typhlodromus potentillae*)
  - feeding in 955
  - in Netherlands 1080
  - population dynamics of 2665
  - preying on, *Panonychus ulmi* 2665
- ***Amblyseius rubini,*** descriptions of 3451
- ***Amblyseius setosa***
  - biology of 187
  - in USA 187
- ***Amblyseius sexpilis***
  - biology of 187

Amblyseius sexpilis *contd.*
  in USA 187
Amblyseius simplicissimus
  biology of 187
  in USA 187
Amblyseius sinensis
  sp. n., description of (in *Typhlodromus*) 2094
  in Colombia 2094
Amblyseius swirskii
  descriptions of 3451
  in Egypt 1891
  preying on, Tenuipalpidae, in Egypt 1891
Amblyteles castigator
  in USSR 5085
  parasitising, *Hadena sordida,* in Kazakhstan 5085
Amblyteles inspector
  in USSR 5085
  parasitising, *Hadena sordida,* in Kazakhstan 5085
Amblyteles panzeri
  in USSR 994
  parasitising, *Agrotis segetum,* in Turkmenia 994
Ambrosia artemisiifolia
  control of
    in Canada 3146
    in USA 3146
  Tarachidia candefacta on, and biological control using, in USSR 1026
Ambrosia trifida
  control of
    in Canada 3146
    in USA 3146
ambrosiae, Dactynotus
Ambrosiella hartigii, symbiotic with, *Xyleborus dispar* 2992
America, North
  Capitophorus spp. in 4557
  insect-grass relationships in 4280
  Pleotrichophorus spp. in 4557
americana, Arctia caja
americana, Harrisina
americana, Myrmica sabuleti
americana, Periplaneta
americana, Schistocerca
americanum, Malacosoma
americanus, Rhizoecus
Americas, aphids in 4997
americoferus, Nabis
Ametastegia glabrata
  in USSR 169
  on apple, in Ukraine 169
amictorius, Exenterus
Amidithion (*S*-[2-[(2-methoxyethyl)amino]-2-oxoethyl] *O,O*-dimethyl phosphorodithioate)
  against
    Aphis craccivora 3764
    A. gossypii 2367

Amidithion *contd.*
  against *contd.*
    Empoasca spp. 3245
    Eutetranychus orientalis 4938
    Lobesia botrana 3717
    Tetranychus arabicus 3799, 3995
    T. cucurbitacearum 3799, 3995
    Thrips tabaci 2367
  in *Agistemus exsertus,* toxicity of 2469
  in cotton
    toxicity of 2367
    uptake of 2953
  in soil, persistence of 4027
  with formothion
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
  with monocrotophos
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
  with oil emulsion
    against
      Aceria mangiferae 2342
      Oligonychus mangiferus 2342
      Vasates mangiferae 2342
  with phorate, in cotton, toxicity of 236
Amifos (*see* Phosphorodithioic acid, *S*-[2-(acetylamino)ethyl] *O,O*-dimethyl ester) 5173
Amino acids
  in *Dacus oleae* larvae 4106
  in *Gilpinia hercyniae* diet, utilisation of 3824
  in *Leucinodes orbonalis* development stages 3486
  in locust elastic cuticle 4201
  in *Scolytus multistriatus* larval haemolymph 4596
  in *Tenebrio molitor* cuticle 339
  in *Wiseana* eggs 4107
  in *Zaprionus vittiger* development stages 4595
Aminocarb (4-(dimethylamino)-3-methylphenyl methylcarbamate)
  against
    Choristoneura pinus 1636
    Earias insulana 1607
    Spodoptera littoralis 1882
    Tetranychus cinnabarinus 558
  in solvents, stability of 3987
  in *Stethorus nigripes,* toxicity of 4532
Aminopterin (*see* L-Glutamic acid, *N*-[4-[[(2,4-diamino-6-pteridinyl)methyl]amin]benzoyl]-)
Aminotransferase, alanine
  in *Locusta migratoria* 2239
  in *Mamestra brassicae,* effects of *Nosem* infection on 4081, 5223
  in *Schistocerca gregaria* 2239

minotransferase, aspartate
- in *Locusta migratoria* 2239
- in *Schistocerca gregaria* 2239

miphos (*see* Phosphorodithioic acid, *S*-[2-(acetylamino)ethyl] *O,O*-dimethyl ester) 5152

mitermes, mound orientation in 1861

mitermes desertorum, control of, insecticides tested for 261

mitermes meridionalis
- in Australia 1861
- mound orientation in 1861

mitinus, Ips

mitraz (*see* Methanimidamide, *N′*-(2,4-dimethylphenyl)-*N*-[[(2,4-dimethylphenyl)imino]methyl]-*N*-methyl-)

mitrole (*see* 1*H*-1,2,4-Triazol-3-amine) 1218

mmalo insulata
- in India 3673
- on *Eupatorium odoratum,* and biological control using, in Nigeria 3673

mmonia, in soil, effects on arthropods of 2166–2167

mmonium chloride
- antifeedant for
  - *Agrotis ipsilon* 2829
  - *Earias insulana* 2829

mnemus quadrituberculatus
- in Australia 5045
- in soil, extraction of 5045

mpelodesma tenax, Evallaspis *ampelodesmae* on, in Italy 1832

mpelodesmae, Coelopencyrtus

mpelodesmae, Evallaspis

mpelophaga, Theresimima

mphibolus venator, biology of 2887

mphimallon majalis
- *Ataenius* milky-disease organism in, infectivity of 4760
- biology of 1438
- control of 1438
- in USA 1438, 1796
- on *Prunus,* in New York 1796
- traps for 1796

mphimallon solstitiale
- control of 3577
- in Poland 3577
- in USSR 2702
- on *Papaver somniferum,* in Kirghizia 2702

mphorophora, on strawberry, in Spain 1075

mphorophora agathonica
- control of, juvenile hormone analogues for 1588
- on raspberry, resistance to, evaluation of 4766

mphorophora lactucae (see also *Hyperomyzus lactucae*)
- in Poland 462

Amphorophora lactucae *contd.*
- preyed on by, Syrphidae, in Poland 462

ampla, Lymantria

ampleus, Mericia

Amrasca devastans
- control of, insecticides for 2369–2370, 3251, 3259, 3785, 3789, 3930, 4358, 4506
- distribution maps of 3544
- groundnut rosette virus in, not transmitted 2356
- in Cambodia 2370
- in India 2369, 3220, 3251, 3259, 3785, 3789, 4358, 4506
- in Pakistan 3930
- on cotton
  - in Cambodia 2370
  - in Haryana 3251, 3259, 3785, 4506
  - in India 2369
  - in Madras 4358
  - in Pakistan 3930
  - in Rajasthan 3789
  - resistance to 3807
- on *Hibiscus esculentus*
  - effects of plant nutrition on 3220
  - in Kerala 3220
- preyed on by
  - *Brumus* spp., in Rajasthan 3789
  - *Chrysopa* spp., in Rajasthan 3789

Amsacta, pathogens of 3928

Amsacta albistriga
- control of, insecticides for 3776
- in India 3776
- on groundnut, in Madras 3776

Amsacta moorei
- control of, insecticides for 209, 3776
- development in, effects of food-plant on 2111
- in India 209, 3776, 4351
- on cotton, in Haryana 4351
- on *Crotalaria juncea,* in India 209
- on groundnut, in Madras 3776
- pox virus in 3332, 4434

amurensis, Adris tyrannus

amurensis, Phellopsis

Amyelois transitella
- cuticle deposition in, effects of ecdysone analogues on 2994
- in Costa Rica 3269
- *Nosema invadens* in, infectivity of 5224
- on *Forchhammeria,* in Costa Rica 3269
- parasitised by, *Brachymeria conica,* in Costa Rica 3269
- *Rickettsiella* spp. in, development of 3890

amygdali, Hyalopterus

Amygdalus communis (see Almond)

Amygdalus persica (see Peach)

Amygdalus persica var. ***nectarina*** (see Nectarine)

Amylase
  in *Galleria mellonella* gut, activity pattern of 2993
  in Heteroptera, taxonomic value of activation-types of 4089
  in *Lygus disponsi,* activated by chloride and nitrate ions 4089
  in *Lymantria dispar,* effects of insecticides on 346
  in *Macrotermes mossambicus* gut 2273
  in *Malacosoma neustria,* effects of insecticides on 346
  in *Mamestra brassicae,* effects of insecticides on 346
  in *Phaseolus mungo,* pesticide inhibition of 2069
  in *Pinus radiata* needles, effects of *Sirex noctilio* mucus on 1173
  in *Solenopsis richteri,* localisation of 332
  in wheat, pesticide inhibition of 2069
Amylase, α-
  in Attine faeces 4212
  in *Eriophyes kuko* galls on *Lycium chinense* 2824
Amylase, β-, in *Eriophyes kuko* galls on *Lycium chinense* 2824
Amylopectin, in Psyllid faeces 353
Amylose, in Psyllid faeces 353
Anabasine (*see* Pyridine, 3-(2-piperidinyl)-, (*S*)-)
Anablaesoxipha heptneri
  in USSR 996
  parasitising, Tenebrionidae, in Turkmenia 996
Anabrolepis zetterstedtii
  in Netherlands 2326
  parasitising, *Lepidosaphes ulmi,* in Netherlands 2326
Anacanthotermes ochraceus
  control of, wood preservatives for 3862
  in Egypt 3862
  in sapwood stakes, in Egypt 3862
Anacardium occidentale
  Aleurodicus cocois on, in Brazil 1887
  Helopeltis antonii on, in Kerala 1888
Anacridium aegyptium
  parasitic castration of 1366
  parasitised by, *Ceracia mucronifera* auct. [i.e. *Metacemyia calloti*] 1366
Anacridium melanorhodon
  biology of 4209
  in Africa 4209
Anadasmus porinodes
  in Costa Rica 3269
  on *Ochroma lagopus,* in Costa Rica 3269
  parasitised by, *Brachymeria conica,* in Costa Rica 3269
Anadiasa undata
  biology of 217
  enzymes in 1135
  in Egypt 217
***Anadiasa undata** contd.*
  on *Acacia,* in Egypt 217
Anagasta kuehniella (see *Ephestia*)
Anagrus, taxonomy of, characters for, copulatory organ as 304
Anagyrus, parasitising, *Planococcus kraunhiae,* in Japan 1015
Anagyrus saccharicola, parasitising, *Saccharicoccus sacchari,* and biological control using, in Barbados 4247
analis, Callosobruchus
Ananas comosus (see Pineapple)
anaphe, Tribolium
Anaphes behmani (see *Mymar*)
Anaphes flavipes
  in USA 3387
  in Yugoslavia 464
  parasitising
    Lema trilineata 480
    Oulema melanopus
      and biological control using, in USA 5071
      in USA 3387
      in Yugoslavia 464
  rearing of, techniques for 480
Anaphes fuscipennis
  in Finland 624
  parasitising, *Lygus rugulipennis,* in Finland 624
Anaphothrips obscurus
  biology of 2704
  in Finland 2704
Anaphothrips vitis
  in Turkey 4470
  on grape vine, in Turkey 4470
anaranjada, Cydia, (*Laspeyresia*)
Anarsia ephippias
  in India 5149
  on soy bean
    damage caused by 5149
    in Madhya Pradesh 5149
Anarsia lineatella
  biology of 3727, 4300
  control of, insecticides for 4300
  in Spain 3727
  in USSR 4300
  on almond, in Spain 3727
  on apricot
    in Georgia (USSR) 4300
    in Spain 3727
  on peach
    in Georgia (USSR) 4300
    in Spain 3727
  on plum, in Georgia (USSR) 4300
Anastatus bifasciatus
  in Cyprus 3832
  in USSR 3813
  parasitising
    Thaumetopoea processionea, in Moldavia 3813
    T. wilkinsoni, in Cyprus 3832
anastomosalis, Omphisa

astomosis, Pygaera, (*Clostera*)
nastrepha fraterculus
  control of 5107
  in Brazil 5107
nastrepha ludens
  control of 183
  in Belize 183
  on *Citrus,* in Belize 183
nastrepha mombinpraeoptans
  in Jamaica 3758
  on guava, in Jamaica 3758
  on mango, in Jamaica 3758
  on *Spondias,* in Jamaica 3758
  on *Syzygium jambas,* in Jamaica 3758
nastrepha striata, control of, fumigants for 2758
nastrepha suspensa
  development in, effects of temperature on 919
  in Jamaica 3758
  in USA 4306
  on *Achras zapota,* in Florida 4306
  on *Eugenia uniflora,* in Florida 4306
  on guava
    in Florida 4306
    in Jamaica 3758
  on loquat, in Florida 4306
  on *Pimenta dioica,* in Jamaica 3758
  on *Syzygium jambas,* in Jamaica 3758
  on *Syzygium malaccense,* in Jamaica 3758
  on *Terminalia catappa*
    in Florida 4306
    in Jamaica 3758
nceps, Apamea
nceps, Odontotermes
nchora, Notoxus
ncylis comptana
  biology of 1074
  control of 1074
  in Italy 1074
  on strawberry, in Italy 1074
  parasitised by
    Colpoclypeus florus, in Italy 1074
    Pediobius facialis, in Italy 1074
    Sympiesis sandanis, in Italy 1074
    S. sericeicornis, in Italy 1074
ncylivorus, Macrocentrus
ncylus, Diaspidiotus
ndoi, Japania
ndraemon, Papilio
ndrena, parasitised by, Strepsiptera, in Finland 4032
ndrena ilerda
  in India 4323
  pest control without harming 4323
ndropogon, Aelia germari on, in Spain 1406
Androst-5-en-3-ol, 17-[[3-(dimethylamino)propyl]methylamino]-
  (3β,17β)- (20,25-diazacholesterol)
    in *Diatraea grandiosella,* inhibiting growth by inhibiting desmosterol reductase 4515
Anethole (*see* Benzene, 1-methoxy-4-(1-propenyl)-)
angaleti, Apanteles
Angelica, Phytomyza spp. on 2976
angelicae, Phytomyza
angelicella, Phytomyza (see *P. pastinacea*)
Angitia cerophaga (see *Nythobia*)
Angitia fenestralis (see *Nythobia*)
Angitia rufipes (see *Nythobia*)
Angola
  arthropod pests in 2252
  Orgyia mixta in 2147
Anguilla australis, DDT in, residues of, in New Zealand 2490
Anguilla diefenbachii, DDT in, residues of, in New Zealand 2490
angulatus, Blepharidopterus
Anilasta validus (see *Hyposoter*)
Anilazine (*see* 1,3,5-Triazin-2-amine, 4,6-dichloro-*N*-(2-chlorophenyl)-)
Anilix (*see* Chlorfenethol, with chlorfensulphide)
Animert (*see* Tetrasul)
Anisaldehyde (*see* Benzaldehyde, methoxy-)
Anisandrus dispar (see *Xyleborus*)
Anisandrus pyri (see *Xyleborus dispar*)
Aniseed (see *Pimpinella anisum*)
Anisolabis
  control of, insecticides for 4340
  on groundnut, in Israel 4340
Anisolabis annulipes
  biology of 1490
  development in, effects of food on 3513
  in Cook Islands 4561
  in Egypt 3513
  in Israel 1490
  in Niue Island 4561
  on groundnut, in Israel 1490
  preying on
    Chilo agamemnon, in Egypt 3513
    Ostrinia nubilalis, in Egypt 3513
    Sesamia cretica, in Egypt 3513
    Spodoptera littoralis, in Egypt 3513
Anisole, 4-allyl- (*see* Benzene, 1-methoxy-4-(2-propenyl)-)
Anisoplia austriaca, biology of 49
Anisopteromalus calandrae
  in Pakistan 5208
  parasitising, pests of stored grain, in Pakistan 5208
Anisota senatoria
  control of, *Bacillus thuringiensis* for 4520
  in USA 4520
  on *Quercus,* in Missouri 4520

Anisota virginiensis
  in USA 4377
  sex pheromone of 4377
anna, Trioza
Annual reports (1972), Forest Insect and Disease Survey, Canada 2386
annulipes, Anisolabis, (*Euborellia*)
annulipes, Chelonus
Anobiidae, control of, in structural timbers 1179
Anobium punctatum
  control of, insecticides for 3300
  in Romania 663
  in UK 3300
  on *Mahonia aquifolium,* in Romania 663
Anoecia corni
  in Romania 1128
  in potato-fields, in Romania 1128
Anoetidae, preyed on by, *Acaropsis aegyptiaca,* in Egypt 1007
Anogmus laricis
  in Poland 688
  parasitising, *Hylemya laricicola,* in Poland 688
Anomala aenea
  in Turkey 4469
  on grape vine, in Turkey 4469
Anomala albipilosa
  in Japan 1175
  seasonal abundance of 1175
Anomala cuprea
  in Japan 1175
  seasonal abundance of 1175
Anomala daimiana
  in Japan 1175
  seasonal abundance of 1175
Anomala horticola, in UK 3106
Anomala marginipennis
  control of, insecticides for 543
  in India 543
  on coconut, in Kerala 543
Anomala orientalis
  biology of 1438
  control of 1438
  in USA 1438
Anomala rufocuprea
  control of, insecticides for 615
  in Japan 615, 1175
  seasonal abundance of 1175
Anomalagrion hastatum, in USA 3654
Anomis flava
  control of, *Bacillus thuringiensis* for 5236
  in Ivory Coast 5236
  on cotton, in Ivory Coast 5236
Anomis flava flava, in South Korea 151
Anomis sabulifera
  control of, insecticides for 2839
  in India 2839
  on jute
    damage caused by 2839
    in India 2839
Anoplolepis custodiens
  Dufour's gland in, secretion of 2541
  poison gland in, secretion of 2541
Anoplolepis longipes
  in Papua New Guinea 4395
  preying on, *Milionia isodoxa,* in Papua New Guinea 4395
antennata, Nezara
antennata, Nupserha
Antestiopsis intricata
  in Ethiopia 1827
  on coffee, in Ethiopia 1827
Antestiopsis lineaticollis (see *A. orbitalis bechuana*)
Antestiopsis orbitalis bechuana, mating in 4584
Anthemus aspidioti
  in USSR 997
  parasitising, *Quadraspidiotus slavonicus,* in Turkmenia 997
Anthemus evallaspidis
  descriptions of 1832
  in Italy 1832
  parasitising, *Evallaspis ampelodesmae,* in Italy 1832
Antheraea eucalypti, flaccidity virus in, serology of 5213
Antheraea mylitta, cocoonase in 4571
Antheraea pernyi
  eclosion hormone in 2535
  eclosion in 2534
  larval moulting cycle in 1714
Antheraea polyphemus (see *Telea*)
antherrinii, Aulacorthum, (*Dysaulacorthum*)

Anthicus crinitus
  in India 4235
  preying on, *Agrotis segetum,* in Rajasthan 4235
Anthio (*see* Formothion)
Anthocopa papaveris
  in USSR 2627
  parasitised by, *Anthrax polystigma,* in Kazakhstan 2627
Anthocoris, preying on, aphids, in Pakistan 3817
Anthocoris gallarumulmi
  in UK 4234
  preying on, *Psyllopsis fraxini,* in UK 4234
Anthocoris melanocerus
  biology of 3661
  in Canada 3661
  preying on, *Psylla pyricola,* in British Columbia 3661
Anthocoris nemoralis
  biology of 3661
  in Bulgaria 3765
  in Canada 3661
  in Poland 563

nthocoris nemoralis *contd.*
  preying on
    Brevicoryne brassicae, in Bulgaria 3765
    Psylla pyricola, in British Columbia 3661
nthocoris nemorum
  in Poland 563
  in UK 4234
  pesticides in, toxicity of 3578
  preying on, *Psyllopsis fraxini,* in England 4234
nthomyiidae, in Americas south of USA 4675
nthonomus, associated with plant galls 2151
nthonomus grandis
  attractants for 3959–3961
  attraction of, females to reproducing males 4665
  Chilo iridescent virus in, infectivity of 3322
  collection of 3255
  control of 1505
    in Texas 2368
    insecticides for 650, 771, 2368, 3923, 4822
    integrated 4926
    sterile-insect release for 3910
    traps for 1506
  diapause in 1943
  enzymes in 25
  hempa in, metabolism of 4947
  in Colombia 1928
  in El Salvador 4502
  in Mexico 2152
  in USA 650, 1943, 2152, 2368, 3255, 3910, 3961, 4665, 4822, 4926
  karyology of 1739
  nutrition of 3558
  on cotton
    in Colombia 1928
    in El Salvador 4502
    in Mississippi 3961
    in Texas 650, 2368, 3961, 4822
  rearing of
    apparatus for 1354
    diets for 4645
  sex pheromone of (*see also* Grandlure)
    identity of 3958
    responses to 2152
  sterilisation of, chemosterilants for 3500, 4947
  sugars in, metabolites of 4082
  uric acid in, metabolism of 4080
nthonomus piri
  control of, insecticides for 568
  in Poland 568
  on pear, in Poland 568
nthonomus pomorum
  biology of 155, 1209

Anthonomus pomorum *contd.*
  control of, insecticides for 560, 1209, 3728, 3734
  in Poland 560
  in Romania 155, 1209, 3728, 3734
  in UK 4297
  on apple
    forecasting infestations of 1209, 3734
    in Poland 560
    in Romania 1209, 3728, 3734
    in UK 4297
  parasitised by, *Ephialtes pomorum,* in UK 4297
  population dynamics of 3728
Anthophila pariana (see *Eutromula*)
anthophilana, Earias insulana
Anthospermum aethiopicum, *Albertinia apiculata* on, in South Africa 305
9,10-Anthracenedione, 2-methyl-, in termites, effects on gut symbionts of 2272
anthracinus, Hyperodes
Anthrax polystigma
  descriptions of 2627
  in USSR 2627
  parasitising
    Anthocopa papaveris, in Kazakhstan 2627
    Megachile argentata, in Kazakhstan 2627
Anthrenus flavipes
  control of, insecticides for 4399, 4956
  in packaging materials, damage caused by 3865
  in wool 3865
Anthrenus fuscus
  in UK 5206
  in textiles, in UK 5206
Anthrenus sarnicus
  in UK 5206
  in textiles, in UK 5206
Anthrenus verbasci
  in UK 5206
  in textiles, in UK 5206
Anthrenus vorax (see *A. flavipes*)
Anthurium, *Ptilodactyla* spp. on, in Italy 1531
Anthyllis vulneraria, *Aphis klimeschi* on 2977
Antiaggregative pheromones, in *Dendroctonus pseudotsugae* 1307–1308
Antiaggregative-rivalry pheromones
  in *Dendroctonus frontalis* 4576
  in *Dendroctonus ponderosae* 4576
Antibodies, to *Manduca sexta* dopamine carrier proteins 2997
Anticarsia gemmatalis
  Beauveria rileyi in, in Florida 202
  biology of 3519
  control of, insecticides for 4794
  in USA 202, 4794, 5035
  on soy bean
    damage caused by, models of 5035

Anticarsia gemmatalis *contd.*
- on soy bean *contd.*
  - in Alabama 4794
  - in Florida 202, 4794, 5035
  - in Georgia (USA) 4794
  - in South Carolina 4794
- population dynamics of, models of 5035

Antidorcas marsupialis, photodieldrin in, toxicity of 1591

Antifeedants
- for *Tetranychus,* in tomato 4990
- substances tested as:, inorganic salts 2829, 3674, 5091

Antigastra catalaunalis
- biology of 2363
- control of 2363
- in India 2281, 2363
- in Nigeria 4807
- on *Sesamum indicum*
  - damage caused by 2281
  - in India 2363
  - in Madhya Pradesh 2281
  - in Nigeria 4807

Antigens
- of *Bacillus fribourgensis* 3312
- of *Bacillus popilliae* 3312
- of *Bacillus thuringiensis* 2907
- of insects involved in food contamination 3624
- of *Manduca sexta* cuticle and haemolymph 2997
- of nonoccluded insect viruses 5213
- of *Trichoplusia ni* nuclear polyhedrosis virus 3884, 5218

Antio (*see* Formothion)

antiqua, Hylemya, (*Delia*)

antiqua, Orgyia

Antisera (*see* Immune serums)

Antispila rivillei
- control of, insecticides for 5117
- in USSR 5117
- on grape vine, in Georgia (USSR) 5117

antonii, Helopeltis

Antonina graminis
- in India 3121
- on *Chloris gayana,* in Mysore 3121
- preyed on by, *Eublemma antoninae,* in Mysore 3121

antoninae, Eublemma

Ants
- biology of 2625
- control of, baits for 1819
- effects of γ-irradiation on 2691
- food consumption by communities of 2681
- foraging in 4696
- fungi in, in Ghana 3289
- in forests, in Quebec 2242
- malathion in, toxicity of 4011
- on crops, limiting pests and diseases 484
- preying on, *Thecodiplosis japonensis,* in South Korea 2655

Ants *contd.*
- productivity in 2695
- sampling populations of 2678
- separation from nest material 4670

Anuraphis bakeri
- control of, biological 1255
- in France 1255
- in USA 1255
- parasitised by, *Trioxys nearctaphidis,* in USA 1255

anurus, Bathyplectes

anxia, Lachnosterna, (*Phyllophaga*)

Anysis alcocki
- in Philippines 2157
- parasitising, *Menochilus sexmaculatus,* in Philippines 2157

Anystis, preying on, *Adelges* spp., in Pakistan 2674

Aonidiella atomarius, taxonomy of, transferred to *Aspidiotus* 4554

Aonidiella aurantii
- biology of 3746
- control of 577
  - insecticides for 182
  - oil emulsions for 4779, 4781
- crawler survival in 3038
- dichlorvos in, toxicity of 5042
- in Australia 460, 760, 3212, 4779–4781
- in Egypt 1474, 3746, 3752
- in India 577
- in Israel 3745
- in Morocco 1586
- in USA 3060
- in fruit containers 182
- malathion susceptibility in, in South Australia 760
- on *Citrus*
  - damage caused by 577
  - in California 3060
  - in Egypt 3746
  - in Israel 3745
  - in Morocco 1586
  - in South Australia 760, 4779–4781
  - in Uttar Pradesh 577
  - varietal preferences of 584
- on lemon, in Australia 3212
- on mandarin
  - damage caused by 3752
  - in Egypt 3752
- on orange
  - in Egypt 1474
  - in Victoria 460
- parasitised by
  - *Aphytis chrysomphali,* and biological control using, in Victoria 460
  - *A. coheni,* in Israel 3745
  - *A. lingnanensis,* and biological control using, in Morocco 1586
  - *A. melinus*
    - and biological control using
      - in Morocco 1586
      - in South Australia 4780–4781

onidiella aurantii *contd.*
  parasitised by *contd.*
    Aphytis melinus contd.
      and biological control using *contd.*
        in Victoria 460
  rearing of, techniques for 930, 5042
  traps for 3060
  wandering time in 3212
onidiella citrina
  acaricides in, toxicity of 278
  flight activity in 4624
  in USA 188, 278, 4624
  in USSR 1142
  on *Citrus*
    in California 4624
    in Florida 188, 278
  on tea, in USSR 1142
onidiella orientalis, rearing of, techniques for 3058
nidum, Chrysomphalus
oplus velox occidentalis
  in USA (Alaska) 4721
  parasitising, *Lambdina fiscellaria,* in Alaska 4721
pamea anceps
  control of, threshold for 4930
  in USSR 4930
  on wheat, in USSR 4930
pamea sordens
  biology of 3581
  in Poland 3581
  in wheat, in Poland 3581
  on rye, in Poland 3581
panteles
  in Hungary 2503
  parasitising
    Aporia crataegi, in USSR 171
    Buzura suppressaria, in Sri Lanka 2846
    Earias insulana, in Rajasthan 3789
    E. vittella, in Rajasthan 3789
    Gypsonoma aceriana, in Yugoslavia 687
    Spodoptera litura, in Gujarat 2662
  taxonomy of 3436
panteles acutulus
  sp. n., description of 3940
  in USSR 3940
panteles africanus
  in Angola 2147
  parasitising, *Orgyia mixta,* in Angola 2147
panteles albipennis
  in USSR 3950
  parasitising, *Archips rosanus,* in Lithuania 3950
panteles angaleti, radiolabelling of 4164
panteles appellator
  biology of 1831
  hosts of 1831
panteles chilonis
  in Japan 4039
Apanteles chilonis *contd.*
  parasitising
    Chilo suppressalis, in Japan 4039
    sugar-cane borers, and biological control using, in India 4039
  taxonomy of
    characters distinguishing *A. flavipes* and 4039
    characters distinguishing *A. sesamiae* and 4039
Apanteles circumscriptus
  group of
    in North America 2087
    in north-western Europe 2087
Apanteles clita
  in India 2316
  parasitising, *Sylepta lunalis,* in Madhya Pradesh 2316
Apanteles congestus
  in USSR 994
  parasitising, *Agrotis segetum,* in Turkmenia 994
Apanteles congregatus
  in USA 5059
  parasitised by
    Catolaccus aeneoviridis, in North Carolina 5059
    Hypopteromalus tabacum, in North Carolina 5059
    Spilochalcis hirtifemora, in North Carolina 5059
    S. side, in North Carolina 5059
  parasitising, *Manduca sexta,* in North Carolina 5059
Apanteles exiguus, taxonomy of 2087
Apanteles flavipes
  in India 4039
  parasitising
    Diatraea impersonatella, and biological control using, in Guadeloupe 3064
    D. saccharalis, and biological control using, in Guadeloupe 3064
  rearing of, techniques for 3064
  taxonomy of
    characters distinguishing *A. chilonis* and 4039
    characters distinguishing *A. sesamiae* and 4039
Apanteles formosus, group of, in north-western Europe 2087
Apanteles fraternus, group of, in north-western Europe 2087
Apanteles fumiferanae
  in USA 4714
  parasitising, *Choristoneura occidentalis,* in Colorado 4714
Apanteles glomeratus
  in Hungary 3222
  in South Korea 3642
  in USSR 3954, 5139
  parasitised by
    Lysibia nana, in Lithuania 3954

- ***Apanteles glomeratus*** *contd.*
  - parasitised by *contd.*
    - *Mesochorus* spp., in Lithuania 3954
    - *Tetrastichus galactopus*
      - in Hungary 3222
      - in Lithuania 3954
    - *T. rapo,* in Lithuania 3954
  - parasitising
    - *Aporia crataegi,* in Lithuania 3954
    - *Hyphantria cunea,* in South Korea 3642
    - *Mamestra brassicae* 1318
    - *Pieris brassicae* 1329, 3464
      - in Hungary 3222
      - in Lithuania 3954
    - *P. rapae* 1854
      - in Lithuania 3954
      - in USSR 5139
  - photoperiodic adaptations in 1329
- ***Apanteles hyphantriae,*** parasitising, *Hyphantria cunea* 3643
- ***Apanteles kurdjumovi***
  - biology of 1831
  - hosts of 1831
- ***Apanteles laeviceps***
  - in USA 2395
  - parasitising, *Lymantria dispar,* in Connecticut 2395
- ***Apanteles limbatus***
  - in Hungary 3222
  - parasitised by, *Tetrastichus galactopus,* in Hungary 3222
  - parasitising, *Pieris brassicae,* in Hungary 3222
- ***Apanteles liparidis***
  - in Japan 3535
  - in South Korea 3642
  - parasitising
    - *Hyphantria cunea,* in South Korea 3642
    - *Lymantria dispar,* in Japan 3535
- ***Apanteles marginiventris***
  - descriptions of 4232
  - development in 4232
  - in Venezuela 1010
  - parasitising
    - *Heliothis virescens* 4232
    - *Pseudoplusia includens* 4232
    - *Spodoptera frugiperda,* in Venezuela 1010
    - *Trichoplusia ni* 4232
- ***Apanteles melanoscelus***
  - in USA 1844, 2395
  - parasitising
    - *Lymantria dispar*
      - and biological control using, in Pennsylvania 5179
      - in Connecticut 1844, 2395
- ***Apanteles metacarpalis,*** group of, in north-western Europe 2087
- ***Apanteles militaris***
  - parasitising
    - *Mythimna unipuncta*
      - effects of host granulosis virus on 3120, 3645
      - effects of host nuclear polyhedrosis virus on 5219
- ***Apanteles octonarius,*** group of, in north-western Europe 2087
- ***Apanteles ordinarius***
  - in USSR 1151
  - parasitising, *Dendrolimus superans,* in USSR 1151
- ***Apanteles pallipes,*** group of, in north-western Europe 2087
- ***Apanteles parasitellae,*** group of, in north-western Europe 2087
- ***Apanteles plutellae***
  - biology of 1011
  - in Taiwan 1011
  - insecticides in, toxicity of 1011
  - parasiting, *Plutella xylostella,* in Taiwan 1011
- ***Apanteles praepotens***
  - biology of 1831
  - hosts of 1831
- ***Apanteles rubecula,*** parasitising, *Pieris rapae,* effects of juvenile hormone analogues on 474
- ***Apanteles sesamiae***
  - in Mozambique 491
  - parasitising
    - *Busseola fusca* 4039
    - *Sesamia* spp. 4039
    - *S. calamistis,* in Mozambique 491
    - sugar-cane borers, and biological control using, in India 4039
  - taxonomy of
    - characters distinguishing *A. chilonis* and 4039
    - characters distinguishing *A. flavipes* and 4039
- ***Apanteles taprobanae***
  - in India 1024
  - parasitising, *Thiacidas postica,* in India 1024
- ***Apanteles tedellae,*** parasitising, *Epinotia tedella* 1537, 4699
- ***Apanteles telengai***
  - biology of 1831
  - hosts of 1831
- ***Apanteles tersus***
  - sp. n., description of 2503
  - in Hungary 2503
  - parasitising, *Adoxophyes orana,* in Hungary 2503
- ***Apanteles triangulator,*** group of, in north-western Europe 2087
- ***Apanteles vitripennis,*** group of, in north-western Europe 2087
- ***apantelis, Gelis***
- ***Apatele rumicis oriens*** (see *Acronicta*)

PC (*see* Phenol, 4-(di-2-propenylamino)-3,5-dimethyl-, methylcarbamate (ester)) 1200
pechthis ontario
  in USA (Alaska) 4721
  parasitising, *Lambdina fiscellaria,* in Alaska 4721
pechthis quadridentata
  in West Germany 1386
  parasitising, *Tortrix viridana,* in West Germany 1386
pechthis rufata
  in West Germany 1386
  parasitising, *Tortrix viridana,* in West Germany 1386
phaenogaster
  control of 4693
  in New South Wales 4693
  preying on, *Reticulitermes flavipes* 114
phanus sordidus (see *Elasmolomus*)
phelenchoides, control of, nematicides for 5243
phelinidae
  host specificity in 467
  taxonomy of 1857
Aphelinus, parasitising, *Hyalopterus pruni,* in Iraq 921
Aphelinus abdominalis, in India 1256
Aphelinus asychis
  biology of 1837, 4704
  brachypterism in 15
  fecundity in, effects of host on 908
  in Finland 4704
  in India 1256
  parasitising
    aphids, prediction of 2671
    Aulacorthum circumflexum 1751, 3511
    Macrosiphum avenae 4704
    Rhopalosiphum maidis 2671
    Schizaphis graminum 1837, 2671
    Sipha flava 2671
Aphelinus desantisi
  sp. n., description of 1256
  in India 1256
  parasitising, *Longiunguis sacchari,* in India 1256
Aphelinus diaspidis (see *Aphytis*)
Aphelinus flavipes
  emergence in, effects of storage temperature on 4503
  in India 1256
  parasitising, *Aphis gossypii,* in India 1256
Aphelinus fuscipennis, in India 1256
Aphelinus kashmiriensis
  sp. n., description of 1256
  in India 1256
  parasitising, *Aphis pomi,* in India 1256
Aphelinus mali, in India 1256
Aphelinus nikolskajae (see *Protaphelinus*)
Aphelinus semiflavus
  in USA 4224
  parasitising
    Myzus persicae 4224
    Therioaphis riehmi, in Nebraska 4224
    T. trifolii, in Nebraska 4224
Aphelinus theae, in India 1256
Aphelosoma planum
  in USSR 1530
  parasitising, *Odonaspis secreta,* in Georgia (USSR) 1530
Aphidan (*see* Phosphorodithioic acid, *S*-[(ethylsulfinyl)methyl] *O,O*-bis(1-methylethyl) ester)
    1117
    2808
    3232
Aphidencyrtus africanus
  hyperparasitising, aphids, in South Africa 601
  in South Africa 601
Aphidencyrtus cassatus
  sp. n., description of 999
  biology of 3257
  hyperparasitising, *Trioza erytreae,* in Rhodesia 3257
  in Rhodesia 999, 3257
  in South Africa 999
  parasitising
    Psyllaephagus pulvinatus, in Rhodesia 3257
    Tetrastichus spp., in Rhodesia 3257
    Trioza erytreae
      in Rhodesia 999
      in South Africa 999
Aphididae, on cotton, in Ivory Coast 2373
Aphidiidae
  biology of 810
  in France 3428
  in India 3122
  in Iraq 117
  in Moldavia 3077
aphidimyza, Aphidoletes
Aphidinea, chromosome numbers of 2567
aphidis, Pachyneuron
aphidisuga, Trilobia
Aphidius
  embryonic development in 871
  insecticides in, toxicity of 1243
  parasitising, aphids, in UK 3133
Aphidius brassicae (see *Diaeretiella rapae*)
Aphidius ervi
  dinoseb-acetate in, toxicity of 4978
  host range of 924
  in Canada 2668
  in Czechoslovakia 924, 4978
  in France 4763
  parasitising
    Acyrthosiphon pisum
      in British Columbia 2668
      in Czechoslovakia 924, 4978
      in France 4763

Aphidius ervi pulcher (see *A. pulcher*)
Aphidius matricariae
  emergence in, effects of storage temperature on 4503
  in France 1392
  parasitised by
    Alloxysta tscheki, in France 1392
    Asaphes suspensus, in France 1392
  parasitising, *Capitophorus horni*, in France 1392
  trophocytes in 1282
Aphidius picipes
  host range of 924
  in Czechoslovakia 924
  parasitising, *Acyrthosiphon pisum*, in Czechoslovakia 924
Aphidius pulcher
  in Canada 2668
  parasitising, *Acyrthosiphon pisum*, in British Columbia 2668
Aphidius smithi
  biology of, effects of low temperatures on 475
  cold storage of 476
  embryonic development in 1281
  hosts of, selection of 421
  in Canada 2668
  parasitising, *Acyrthosiphon pisum*, in British Columbia 2668
Aphidius transcaspicus
  in Iraq 921
  parasitising, *Hyalopterus pruni*, in Iraq 921
Aphidius urticae
  host range of 924
  in Czechoslovakia 924
  in France 1255
  parasitising, *Acyrthosiphon pisum*, in Czechoslovakia 924
aphidivorus, Lygocerus
Aphidoidea, in New Zealand 3541
Aphidoletes
  assessing field populations of 1667
  taxonomy of 1667
Aphidoletes abietis
  biology of 1667
  taxonomy of 1667
Aphidoletes aphidimyza
  biology of 1667, 2656
  in Chile 3156
  in UK 1667
  larval mortality in, effects of prey density on 2675
  preying on
    aphids, in Chile 3156
    Myzus persicae 2656
  taxonomy of 1667
Aphidoletes cucumeris (see *A. aphidimyza*)
Aphidoletes thompsoni
  biology of 1667
  taxonomy of 1667
Aphidoletes urticariae
  biology of 1667
  taxonomy of 1667
Aphids
  biotypes of 423
  Cladosporium cladosporioides in, transmission of 3309
  control of 4445
    genetic 2137
    methods of testing repellents for 3934-
    on trees 3078
    sterile-insect release for 3914
  cornicle secretions of 1295
  fixative for 2182
  host-plant relations in 425
  in Americas 4997
  in British Columbia 3424–3425
  in Canary Islands 846
  in Faroes 2653
  in Kazakhstan 2611–2612, 2614
  in New York 2599
  in Newfoundland 4150
  in Philippines 319
  in Virginia 3542
  life systems in 2176
  on forest trees, in Rumania 4845
  on grain crops, forecasting infestations of 4929
  on tomato, in Turkey 4445
  parthenogenesis in 430
  pathogens of 422
  polymorphism in 424, 426
  population dynamics of 427–428
  preyed on by, *Synharmonia* spp., in Uzbekistan 5254
  Pullularia pullulans in, transmission of 3309
  rearing of, equipment for 2198
  taxonomy of, numerical 817
  traps for 4167
Aphis
  on *Capsicum*, in Turkey 4442
  parasitised by, *Lipolexis scutellaris*, in West Bengal 3122
Aphis acanthi, food-plants of 2585
Aphis clematidis simalensis
  subsp. n., description of 4055
  in India 4055
  on *Clematis*, in India 4055
Aphis cognatella, food-plants of 2585
Aphis comosa, descriptions of 2977
Aphis coronillae **(Börn. nec Ferr.)**, taxonomy of, *Aphis vineti* proposed for 2977
Aphis craccae, oat red-leaf virus in, not transmitted 1409
Aphis craccivora
  bean common mosaic virus in, transmission of 4792
  biology of 3532–3533

***phis craccivora* contd.**
- control of, insecticides for 1119, 2812, 3763–3764, 3774, 3802–3803, 5132, 5145
- cowpea aphid-borne mosaic virus in, transmission of 1122
- cowpea mild mottle virus not transmitted by 614
- cowpea mosaic virus in, transmission of 3234
- groundnut rosette virus in, transmission of 2356
- in Australia 3532–3533, 4192
- in Egypt 3248, 3763, 3774, 3802–3803, 4140, 4331, 5145
- in India 1120, 1846, 2356
- in Iran 1119
- in New Zealand 3713
- in Taiwan 2812
- in Venezuela 5132
- on bean, in Iran 1119
- on *Citrus,* in Venezuela 5132
- on cotton, in Egypt 3248, 3802–3803
- on *Dolichos lablab,* in Madras 1846
- on *Dolichos sesquipedalis,* in Taiwan 2812
- on *Gliricidia sepium,* in Madras 1846, 2356
- on *Medicago polymorpha,* in Australia 3532
- on pea, in India 1120
- on *Phaseolus vulgaris,* in New South Wales 4192
- on *Trifolium subterraneum,* in Australia 3532
- on *Vicia faba*
  - in Egypt 3763, 4140, 4331
  - varietal preferences of 4331
- on *Vigna unguiculata,* in Egypt 3774, 4140
- pea leaf-roll virus in
  - not transmitted 3713
  - transmission of 3229
- peanut mottle virus in, transmission of 621
- preyed on by
  - *Coccinella septempunctata,* in India 1120
  - *Menochilus sexmaculatus* 1846
    - in India 1120
- subterranean clover red-leaf virus in, not transmitted 3713
- subterranean clover stunt virus in, in Australia 3532
- Sudanese broad bean mosaic virus in, transmission of 2811
- sugar-cane mosaic virus in, transmission of 2283
- watermelon mosaic virus in, transmission of 735

Aphis euonymi
- cowpea mosaic virus in, transmission of 3234
- food-plants of 2585

Aphis fabae
- alarm pheromone in 3474
- bean leaf-roll virus in, transmission of 4864
- beet mosaic virus in, transmission of 1995
- common broad-bean mosaic virus in, transmission of 3230
- control of
  - antibiotics for 751, 769
  - insecticides for 623, 751, 1126, 2377, 3230, 3242
  - surfactants for 751
- cowpea mild mottle virus not transmitted by 614
- *Entomophthora* spp. in, in France 4429
- feeding behaviour in, effects of sinigrin on 1701
- flight activity in 4136, 4186
- food-plants of 2585
- in Belgium 4868
- in Czechoslovakia 1004
- in East Germany 2585
- in France 4429
- in India 1127
- in Poland 1126
- in Spain 1075
- in Turkey 4458
- in UK 1115–1116, 4186–4187, 4347
- in USA 89, 2377, 3242
- in USSR 623, 2702
- in West Germany 3230
- landing response in 4187
- leek chlorotic streak virus in, transmission of 4867
- nutrition of 2988
- on *Carthamus tinctorius,* in California 3242
- on chrysanthemum, in Maryland 2377
- on *Impatiens noli-tangere,* in Czechoslovakia 1004
- on *Impatiens parviflora,* in Czechoslovakia 1004
- on leek, in Belgium 4868
- on maize, in Mississippi 89
- on *Papaver somniferum,* in Kirghizia 2702
- on *Pimpinella anisum,* in Turkey 4458
- on potato
  - in India 1127
  - in Poland 1126
  - in UK 4347
- on strawberry, in Spain 1075
- on sugar-beet
  - in UK 1115–1116
  - in USSR 623
- on *Vicia faba*
  - in France 4429

Aphis fabae *contd.*
  on *Vicia faba contd.*
    in UK 1115–1116
    in West Germany 3230
  pea enation mosaic virus in, transmission of 4864
  pea leaf-roll virus in
    in West Germany 3230
    transmission of 3229
  population dynamics of 824, 1115–1116
  preyed on by
    Adalia bipunctata 1001
    Semiadalia undecimnotata 4580
  probing in 841
  traps for 4186
  watermelon mosaic virus in, transmission of 735
Aphis fabae solanella (see *A. solanella*)
Aphis falki
  sp. n., description of 2977
  on *Lathyrus pratensis* 2977
Aphis frangulae
  control of, insecticides for 1126
  in Poland 1126
  on potato, in Poland 1126
Aphis gossypii
  bean common mosaic virus in, transmission of 4792
  control of
    insecticides for 640, 2367, 3771, 3798, 3802–3803, 3808, 3923, 4013, 4308, 4358, 4816, 4826, 5132, 5247
    threshold for introduction of 4363
  cotton blue disease, causal agent in, transmission of 4417
  cowpea mosaic virus in, transmission of 3234
  food-plants of 5049
    in Turkey 4443
  in Australia 2809, 4192
  in Bulgaria 640
  in Chad 4417
  in China 4363
  in Egypt 2366–2367, 3248, 3250, 3771, 3798, 3802–3803
  in France 1766
  in India 1127, 1256, 3122, 3220, 4358
  in Ivory Coast 2429
  in Mexico 2150
  in New Zealand 4560
  in Romania 1128
  in South Korea 265
  in Spain 4308
  in Turkey 4443
  in USA 4816, 5049
  in Venezuela 5132
  on *Citrullus,* resistance to 1113
  on *Citrus,* in Venezuela 5132
  on cotton
    distribution pattern of 4363
    in Bulgaria 640
    in Chad 4417
Aphis gossypii *contd.*
  on cotton *contd.*
    in China 4363
    in Egypt 2366–2367, 3248, 3250, 3798
      3802–3803
    in Madras 4358
    in Texas 4816
    resistance to 2366
    varietal preferences of 3250
  on cucumber, in France 1766
  on *Hibiscus,* in New Zealand 4560
  on *Hibiscus esculentus*
    effects of plant nutrition on 3220
    in Kerala 3220
  on mandarin, in Spain 4308
  on melon, in New South Wales 4192
  on potato
    in India 1127
    in Romania 1128
  on squash, in Egypt 3771
  on zucchini marrow, in Queensland 280
  papaya distortion ringspot virus in, transmission of 2792
  parasitised by
    Aphelinus flavipes, in India 1256
    Lipolexis scutellaris, in West Bengal 3122
  pea leaf-roll virus in, transmission of 3229
  pepper veinal mottle virus in, transmission of 2429
  preyed on by
    Syrphidae 3664
    Xanthogramma aegyptium 4013
  sugar-cane mosaic virus in, transmission of 2283
  vegetable marrow virus in, transmission o
    2150
  watermelon mosaic virus in, transmission of 735
Aphis intybi
  in Romania 1128
  in potato fields, in Romania 1128
Aphis klimeschi, on *Anthyllis vulneraria* 2977
***Aphis laburni* auct.** (see *A. craccivora*)
Aphis maidiracis (see *Brachycaudus*)
Aphis maidis (see *Rhopalosiphum*)
Aphis medicaginis, taxonomy of, *Aphis meliloti* distinct from 2977
Aphis meliloti
  descriptions of 2977
  on lucerne 2977
  on *Melilotus* 2977
  taxonomy of, *Aphis medicaginis* distinct from 2977
Aphis nasturtii
  control of, insecticides for 1126
  fungi in, in Maine 3319
  in Poland 1126
  in Romania 1128
  in USA 3319

his nasturtii *contd.*
  on potato
    in Maine 3319
    in Poland 1126
    in Romania 1128
  pea mosaic virus in, transmission of 3306
  watermelon mosaic virus in, transmission of 735
phis nerii
  Calotropis mosaic virus in, transmission of 3147
  in Egypt 1765
  on *Calotropis gigantea,* in Egypt 1765
  on *Ipomoea bona-nox,* in Egypt 1765
  on *Nerium oleander,* in Egypt 1765
  papaya distortion ringspot virus in, transmission of 2792
  seasonal abundance of 1765
phis pomi
  control of 556
    insecticides for 1465, 1899, 3731, 4463
  food-plants of, selection of 375
  in Canada 3731
  in India 1256
  in Italy 5122
  in Norway 5127
  in Poland 462
  in USA 1465, 1899
  on apple
    in India 1256
    in Ohio 1465
    in Ontario 3731
    in Pennsylvania 1899
  on plum, in Norway 5127
  parasitised by, *Aphelinus kashmiriensis,* in India 1256
  preyed on by, Syrphidae, in Poland 462
phis sambuci, watermelon mosaic virus in, transmission of 735
phis solanella, preyed on by, Syrphidae 3664
phis spiraecola
  biology of 582
  control of, insecticides for 1475, 5132
  descriptions of 582
  in Italy 582
  in Ivory Coast 2429
  in Japan 575
  in USA 89, 1475
  in Venezuela 5132
  on *Citrus*
    in Florida 1475
    in Venezuela 5132
  on clementine, in Italy 582
  on lemon, in Italy 582
  on maize, in Mississippi 89
  on mandarin, in Italy 582
  on orange
    in Italy 582
    in Japan 575
Aphis spiraecola *contd.*
  papaya distortion ringspot virus in, transmission of 2792
  pepper veinal mottle virus in, transmission of 2429
  predators of, effects of ants on 575
Aphis viburni, food-plants of 2585
Aphis vineti
  on *Coronilla varia* 2977
  taxonomy of, proposed for *A. coronillae* (Börn. nec Ferr.) 2977
Apholate (2,2,4,4,6,6-hexakis(1-aziridinyl)-2,2,4,4,6,6-hexahydro-1,3,5,2,4,6-triazatriphosphorine)
  formulations of, effects of sucrose in 2142
  in *Corchorus capsularis,* toxicity of 2143
  in *Tetranychus dianthicus,* effects of 2144
  sterilant for
    Apion corchori 2143
    Cryptorhynchus lapathi 697
    Ephestia cautella 2142
    Hypera postica 1582
    Lasius brunneus 3110
    Spodoptera exigua 647
    S. littoralis 2013–2014
    Tetranychus cinnabarinus 212
Aphycoides clavellatus, reproductive system in 4098
Aphytis
  in USSR 3430
  parasitising
    Aspidiotus destructor, in Hawaii 3715
    Aulacaspis madiunensis, in Queensland 1402
    A. tegalensis, and biological control using, in Mauritius 1402
    Evallaspis ampelodesmae, in Italy 1832
    Lepidosaphes malicola, in Iran 4292
    Leucaspis pusilla, in Italy 701
Aphytis chrysomphali
  in Surinam 578
  in USA (Hawaii) 3715
  parasitising
    Aonidiella aurantii, and biological control using, in Victoria 460
    Aspidiotus destructor, in Hawaii 3715
    Chrysomphalus aonidum, in Surinam 578
Aphytis coheni
  in Israel 3745
  parasitising, *Aonidiella aurantii,* in Israel 3745
Aphytis diaspidis, in Turkey 4459
Aphytis hispanicus
  acaricides in, toxicity of 278
  in Israel 3745
  in USA 278
  parasitising, *Parlatoria pergandii,* in Israel 3745

Aphytis lepidosaphes
  acaricides in, toxicity of 278
  in USA 278
Aphytis lingnanensis
  parasitising, *Aonidiella aurantii,* and biological control using, in Morocco 1586
  rearing of, techniques for 1586
Aphytis melinus
  malathion in, toxicity of 761
  oil emulsions in, toxicity of 4781
  parasitising
    Aonidiella aurantii
      and biological control using
        in Morocco 1586
        in South Australia 4780–4781
        in Victoria 460
  preyed on by, *Ixeuticus* spp., in South Australia 4780
  rearing of, techniques for 1586
Aphytis mytilaspidis
  genetic variability in 2140
  in Iran 5113
  in Netherlands 2326
  parasitising
    Lepidosaphes ulmi, in Netherlands 2326
    Parlatoria blanchardii, in Iran 5113
Aphytis proclia
  in Netherlands 2326
  in USA 2333
  parasitising
    Lepidosaphes ulmi, in Netherlands 2326
    Pseudaulacaspis pentagona, in Virginia 2333
  taxonomy of, characters distinguishing *A. sugonjaevi* and 3430
Aphytis sugonjaevi
  sp. n., description of 3430
  in USSR 3430
  parasitising, *Chionaspis salicis,* in USSR 3430
apicalis, Nephotettix
apicalis, Trioza
apicate, Barylypa, (*Labrorychus*)
apiculata, Albertinia
Apion
  on pea, in West Germany 197
  on *Trifolium pratense,* in West Germany 197
Apion apricans
  control of, insecticides for 3714
  in France 3714
  in USSR 535
  on *Trifolium pratense*
    damage caused by 3714
    in France 3714
    in USSR 535
Apion brunneonigrum, on *Eupatorium odoratum* 3673
Apion corchori
  control of, insecticides for 2839
  in India 2839–2840
  on *Corchorus,* in West Bengal 2840
  on jute
    damage caused by 2839
    in India 2839
  parasitised by
    Bracon greeni, in West Bengal 2840
    Entedon spp., in West Bengal 2840
    Eupelmus urozonus, in West Bengal 2840
    Lymaenon spp., in West Bengal 2840
    Psilopa spp., in West Bengal 2840
  reproductive organs in, effects of chemosterilants on 2143
Apion dichroum
  flight activity in 4622
  in West Germany 4622
Apion flavipes (see *A. dichroum*)
Apion godmani
  in Mexico 4332
  on *Phaseolus*
    damage caused by 4332
    in Mexico 4332
Apion longirostre, in Canada 2594
Apion trifolii
  control of, insecticides for 3714
  in France 3714
  on *Trifolium pratense*
    damage caused by 3714
    in France 3714
Apion virens
  feeding behaviour in 3514
  flight activity in 4622
  in West Germany 4622
Apion vorax
  in UK 4396
  on bean, in UK 4396
Apis, pollinating *Litchi chinensis,* in India 448
Apis dorsata
  in India 4323
  pest control without harming 4323
Apis florea
  in India 4323
  pest control without harming 4323
Apis indica
  in India 937, 2314
  on grape vine, in Madhya Pradesh 2314
  parasitised by, *Acarapis woodi,* in Uttar Pradesh 937
Apis mellifera
  azinphos-methyl, toxicity of 3410
  endosulfan in, toxicity of 3410
  fungi in 3883
  in USSR 5060
  malathion in, toxicity of 3410
  Nodamura virus in, pathogenicity of 742
  parasitised by, *Physocephala truncata,* in USSR 5060
  parathion in, effects of 4972–4973

is mellifera *contd.*
  preyed on by, *Philanthus triangulus* 1850
ium graveolens (see Celery)
lastomorpha calandrae (see *Anisopteromalus*)
ogonia ferruginea
  in India 2339
  on pomegranate, in Rajasthan 2339
ogonia proxima
  in India 3743
  on fig, in Rajasthan 3743
olysis 1284
oria crataegi
  biology of 171
  Borrelinavirus aporia in, in USSR 1183
  in USSR 171, 1183, 3954
  on apple, in USSR 171
  parasitised by, *Apanteles glomeratus,* in Lithuania 3954
orophlebus, in Ukraine 4047
paratus
  ant counter 3063
  automated lighting cycler 4165
  biological cryostat osmometer 1777
  compact refrigerator 4644
  diet dispensers 4667
  double-nozzle dust gun 2450
  for examining pinned insects in a Stereoscan 2208
  for extracting arthropods from birds' nests 413
  for identifying and counting insects 1346
  for investigating rhythms in insects 1789
  for measuring soil applications of pesticides 5077
  for microscopic examination of unmounted specimens 4672
  for recording activity rhythms of insects 1787
  for recording locomotor activity 879
  insect diet filler 1803
  laboratory spraying tower 927
  light-dimming system for environmental chambers 2201
  light-intensity control 76
  locust flight balance 3052
  magnetic stirrer for moving artificial insects 3546
  modified Munger cage 3062
  portable suction sampler 2205
  rearing cages 4651
  suction sampler 4657
ppelia schwartzi (see *Brachycaudus*)
pellator, Apanteles
pple
  acaricides in, residues of 3982
  Aculus schlechtendali on, in Washington 163–164
  Adoxophyes orana on
    in France 559
    in Hungary 2503
    in Japan 4888

Apple *contd.*
  Adoxophyes orana on *contd.*
    in Netherlands 1461, 3475–3476, 3614
    in Spain 3196
  Agistemus exsertus on, in Egypt 540
  Agrotis segetum on, in Spain 3196
  Ametastegia glabrata on, in Ukraine 169
  Anthonomus pomorum on
    in Poland 560
    in Romania 1209, 3728, 3734
    in UK 4297
  Aphis pomi on
    in India 1256
    in Ohio 1465
    in Ontario 3731
  Aporia crataegi on, in USSR 171
  Archips argyrospilus on, in British Columbia 2462, 4653
  Argyresthia spp. on, in Maritime Province 5123
  A. conjugella on
    in Lithuania 3944
    in USSR 561
  Argyrotaenia velutinana on
    in New York 4773
    in Pennsylvania 1467
  Brevipalpus obovatus on, in Egypt 1891
  captan in, determination of 3051
  Carposina sasakii on, in Maritime Province 5123
  Cenopalpus lanceolatisetae on, in Egypt 1891
  C. pulcher on
    in Egypt 1891
    in Iran 3192
    in Iraq 1086
  Cerambyx dux on, in Malta 4616
  Conotrachelus nenuphar on
    in Ohio 1465
    in Ontario 3732
  Cydia inopinata on, in Maritime Province 5123
  C. pomonella on
    in British Columbia 1463, 2773, 3916, 4653
    in East Germany 3739
    in Finland 4031
    in Georgia (USSR) 3189
    in Hungary 1900, 3916, 5126
    in Maritime Province 5123
    in Moldavia 4770
    in Ohio 1465
    in Ontario 2454, 3732
    in Poland 4296
    in Romania 3728, 3734
    in South Australia 4295
    in Spain 172, 174, 1083, 1088, 1090, 1094, 3196, 4771, 4775
    in USSR 4291
    in Washington 2777, 3566
  DDT in, residues of 166
  Dysaphis plantaginea on, in Italy 3538

Apple *contd.*
  Ennomos subsignarius on, in Connecticut 1898
  Epiphyas postvittana on, in Australia 1842
  Eriosoma lanigerum on
    in Crimea 168
    in New South Wales 4192
    in UK 1897
  Eulecanium bituberculatum on, in USSR 5121
  Euproctis chrysorrhoea on, in France 565
  Eutromula pariana on, in Romania 4776
  Forficula auricularia on, in East Germany 3739
  Galecron in, residues of 2947–2948
  Hemiberlesia lataniae on, in Egypt 3179
  Heteroptera on
    effects of pesticides on 563
    in Poland 563
  Hoplocampa testudinea on, in UK 4294
  Hyphantria cunea on, in Romania 156
  leafrollers on, in Hungary 1084
  Lepidosaphes malicola on, in Iran 4292
  L. ulmi on
    in Belgium 3246
    in Netherlands 2326
  Lithophane georgii on, in British Columbia 2774
  Lymantria dispar on, in Connecticut 1898
  Macchiademus diplopterus on, in South Africa 4248
  mites on
    effects of pesticides on 563, 1087
    in East Germany 1087
    in Poland 563
  Oecanthus nigricornis on, damage caused by 3206
  Operophtera bruceata on, in British Columbia 3726
  O. brumata on
    in Belgium 3246
    in Netherlands 1461
  organochlorines in, effects of 167
  Orgyia mixta on, in Angola 2147
  Panonychus ulmi on
    effects of pesticides on 3402
    in Belgium 3246
    in France 2657
    in Latvia 1091
    in Michigan 1462
    in New York 1093
    in New Zealand 2779
    in Ohio 1465
    in Ontario 3731
    in Quebec 4293
    in Spain 1089, 3196–3197, 3725, 4774
    in Switzerland 2325
    in UK 564, 3193, 5234
    in Virginia 159

Apple *contd.*
  Panonychus ulmi on *contd.*
    in Washington 163–164, 1639
    in West Germany 2772
  parasitic insects on, effects of insecticides on 562
  Perotis lugubris on, in Romania 1081
  pest control on
    economics of 1214, 4505
    in France 2324
    pesticides in overhead sprinklers for 3200
  pests of, in Italy 5122
  Platynota idaeusalis on, in Pennsylvania 566, 1467
  Pratylenchus penetrans in, in Ontario 3731
  Psylla mali on, in Belgium 3246
  P. melanoneura on, in Crimea 3730
  Quadraspidiotus perniciosus on
    in Moldavia 3070
    in Spain 1082
    in Turkey 4461
  Rhagoletis pomonella on
    in Ontario 3732
    in Quebec 934, 2328
    in Wisconsin 1321
  Rhopalosiphum insertum on, in UK 3200
  Rhynchites auratus on, in Kazakhstan 170
  Stigmella malella on
    in Georgia (USSR) 4768
    in Netherlands 456
  Synanthedon myopaeformis on, in Spain 1083, 1090
  Tenuipalpus dimensus on, in Pakistan 4551
  tetrachlorvinphos in, toxicity of 1465
  Tetranychus cinnabarinus on, in Egypt 558
  T. mcdanieli on, in Washington 163–164, 1639
  T. urticae on
    in Michigan 1462
    in UK 3193, 5234
  T. viennensis on, in Crimea 1085
  Thrips imaginis on, in New South Wales 2778
  Tortricidae on
    in China 5125
    in Netherlands 5124
    in West Germany 3736
  Yponomeuta padellus on, in France 4772
  Zeuzera pyrina on, in Spain 173, 1083
Apple-leaf powder, diet component for, *Lymantria dispar* 1351
Apple maggot (see *Rhagoletis pomonella*)
Apple, rose (see *Syzygium jambas*)
Apple sauce, diet component for, *Popillia japonica* 4660

ple (stored fruit)
  caricides in, residues of 2487
  ldicarb in, residues of 1639
  luenetil in, determination of 2187
  xirane in, effects of 1466
  Panonychus ulmi in
    in Ontario 1466
    in Quebec 3199
roximata, Atherigona
roximator, Rhyssella
ricans, Apion
ricot (*Prunus armeniaca*)
  Agistemus exsertus on, in Egypt 540
  Anarsia lineatella on
    in Georgia (USSR) 4300
    in Spain 3727
  Carposina sasakii on, in Maritime Province 5123
  Cydia funebrana on, in Maritime Province 5123
  Enarmonia formosana on, in West Germany 1470
  Eulecanium bituberculatum on, in USSR 5121
  Hyalopterus pruni on
    feeding by 3037
    in Egypt 1893–1894
    in Iraq 921
  Macchiademus diplopterus on, in South Africa 4248
  Operophtera bruceata on, in British Columbia 3726
  Rhopalosiphum padi on, in Switzerland 3190
ricot (stored fruit), pesticide residues in, effects of heat processing and storage on 1613
robola, Platypeplus
terencyrtus micrographus
  in Netherlands 2326
  parasitising, *Lepidosaphes ulmi*, in Netherlands 2326
terostigma, rectal enzymes in 4212
terus, Himacerus
terus, Pyrrhocoris
teryx australis
  preying on
    Heteronychus arator, in New Zealand 3651
    Teleogryllus commodus, in New Zealand 3651
uila, Cerocephala
uilonia, Formica
uilonia, Pimpla
abicus, Tetranychus
Arabinitol, in *Anthonomus grandis*, metabolite of D-arabinose 4082
arabinose, in *Anthonomus grandis*, metabolised to arabinitol 4082
achidis, Marava
rachis hypogaea (see Groundnut)
Arachnophaga ferruginea
  in USA 1099
  preying on, *Gasteracantha cancriformis*, in Florida 1099
Arachnosinis, taxonomy of, synonym of *Proleurocerus* 851
Arachnosinis zululandiae (see *Proleurocerus*)
Aradus cinnamomeus, terpenoids in, effects of 2499
Araecerus fasciculatus, in coffee beans, damage caused by 3854
aramboµrgi, Hylemya
arator, Heteronychus
aratus, Cenopalpus
Araucaria cunninghamii, Milionia isodoxa on, in Papua New Guinea 4395
Araucaria excelsa (see *A. heterophylla*)
Araucaria heterophylla, Eriococcus *araucariae* on, in Brazil 661
Araucaria hunsteinii, Tracholena lipara on, in New Guinea 3290
araucariae, Eriococcus
araucariae, Hylurdrectonus
araxis, Eriopeltis
Arceuthobium, on *Pinus*, in Guatemala 5189
archangelicae, Cavariella
archangelicae, Phytomyza
Archenomus bicolor
  in USA 2333
  parasitising, *Pseudaulacaspis pentagona*, in Virginia 2333
archippivora, Lespesia
Archippus asiaticus (see *Archips*)
Archippus breviplicanus (see *Archips*)
Archips argyrospilus
  attractants for 4653
  control of
    attractants for 2462
    traps for 2462
  in Canada 2462, 3726, 4653
  on apple
    damage caused by 2774
    in British Columbia 2462, 3726, 4653
  traps for 4653
Archips asiaticus
  in China 5125
  on apple, in China 5125
Archips australana
  in Australia 4307
  on avocado, in Queensland 4307
Archips breviplicanus
  in China 5125
  on apple, in China 5125
Archips cerasivoranus
  in Canada 5197
  nuclear polyhedrosis virus in, in Quebec 5197
Archips crataeganus
  coldhardiness in 1316
  hunger-resistance in, effects of temperature on 1316

Archips georgianus, on cranberry, effects of flooding on 550
Archips longicellana, taxonomy of, transferred to *Choristoneura* 5125
Archips podanus
  in Italy 5122
  in Netherlands 5124
  in USSR 1142
  in West Germany 3736
  larval mandibles in 5124
  on apple
    in Italy 5122
    in Netherlands 5124
    in West Germany 3736
  on tea, in USSR 1142
  traps for 3736
Archips rosanus
  control of
    Bacillus thuringiensis for 3949
    Beauveria bassiana for 3949
    insecticides for 3202
  in Netherlands 5124
  in Poland 1079
  in Spain 3202
  in USSR 3949–3950
  in West Germany 3736
  larval mandibles in 5124
  on apple
    in Netherlands 5124
    in West Germany 3736
  on black currant, in Poland 1079
  on gooseberry, in Poland 1079
  on pear, in Spain 3202
  on red currant, in Poland 1079
  parasites of
    in Lithuania 3950
    in Poland 1079
  pathogens of, in Lithuania 3950
  traps for 3736
Archips semiferanus
  in USA 4085, 4831
  on *Quercus alba,* in USA 4831
  on *Quercus prinus,* in USA 4831
  sex pheromone of 4085
Archips xylosteanus
  control of, insecticides for 693
  in China 5125
  in Romania 693
  on apple, in China 5125
  on *Quercus,* in Romania 693
Archytas marmoratus
  in Venezuela 1010
  parasitising, *Spodoptera frugiperda,* in Venezuela 1010
Arcte coerulea, cytoplasmic polyhedrosis virus in, infectivity of 738
Arctia caja
  Borrelinavirus spp. in, in USSR 1183
  in USSR 1183
Arctia caja americana
  biology of 4677
  in Canada 4677
Arctia caja americana *contd.*
  on *Senecio jacobaea,* in British Columbi
    4677
Arctia villica
  in Turkey 4470
  on grape vine, in Turkey 4470
arcuata, Chlamydotheca
arcuata, Coccinella
Areca catechu, *Tirathaba mundella* on, in
  Kerala 545
Areca concinna, *Tirathaba mundella* on, in
  Kerala 545
Areca triandra, *Tirathaba mundella* on, in
  Kerala 545
arenacearia, Tephrina, (*Eubolia*)
arenivaga, Paratrechina melanderi
Aretit (*see* Dinoseb-acetate)
Arge ochropus
  in Bulgaria 487
  on *Rosa damascena,* in Bulgaria 487
argentata, Megachile
argenteopilosus, Eriborus
argenticollis, Leucopis
Argentina
  Acyrthosiphon pisum in
    natural enemies of 1198
    on lucerne 1198
  Astylus atromaculatus in, on sorghum 2741
  grasshoppers in 982
  Scaptocoris castaneus in
    on groundnut 538
    on lucerne 538
  Schistocerca americana in 1813
  Viteus vitifoliae in, on grape vine 1077
argentisparsa, Eulocastra
Argidae
  in Moldavia 3073
  in USSR 2250
argillacea, Alabama
L-arginine
  in *Aphis fabae,* alate formation induced
    absence of 2988
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Gilpinia hercyniae,* effects of viruses
    26
  in *Lambdina fiscellaria,* effects of viruse
    on 26
  in *Picea abies,* effects on mite infestation
    of 1960
  in *Scirpophaga nivella,* dietary requirement for 3000
argutanus, Episimus
Argyresthia, on apple, in Maritime Provin
  5123
Argyresthia aureoargentella, in Canada 2386
Argyresthia canadensis, in Canada 2386
Argyresthia conjugella
  biology of 561

rgyresthia conjugella contd.
  control of
    Bacillus thuringiensis for 561
    insecticides for 561
  in USSR 561, 3944
  on apple
    in Lithuania 3944
    in USSR 561
  on *Sorbus,* in USSR 561
  on *Sorbus aucuparia,* in Lithuania 3944
  parasitised by, *Microgaster polita,* in Lithuania 3944
  predators of, in Lithuania 3944
  Thelohania argyresthiae in, in Lithuania 3944
rgyresthia ephippella, control of, insecticides for 1460
rgyresthia thuiella, in Canada 2386
rgyroploce cespitana
  in USSR 1142
  on tea, in USSR 1142
rgyroploce lacunana
  control of, insecticides for 4286
  in France 4286
  on strawberry, in France 4286
rgyroploce schistaceana
  in Taiwan 495
  on sugar-cane, in Taiwan 495
rgyroploce umbrosana
  in West Germany 3736
  on apple, in West Germany 3736
  traps for 3736
rgyrospilus, Archips
rgyrotaenia pulchellana
  attractants for 4987
  in Italy 4987
rgyrotaenia velutinana
  control of
    insecticides for 1899
    traps for 1467, 4773
  in USA 1467, 1899, 4773
  nutrition of 351
  on apple
    in New York 4773
    in Pennsylvania 1467, 1899
  parasitised by, *Trichogramma minutum* 2666
  sex pheromone of 338
    habituation to 3004
rhar (see *Cajanus cajan*)
rhopalus rusticus, evaluation of treatments against *Hylotrupes bajulus* using 4406
rhopalus syriacus
  in France 3357
  on *Pinus pinaster,* in France 3357
ridius nodifer
  in UK 4858
  in maltings, in UK 4858
rietis, Clytus
ristida gyrans, *Chlorops* spp. on, in Florida 1068

Aristotelia, on *Baccharis halimifolia,* and biological control using, in Queensland 2701
Arizona
  Acanthoscelides spp. in 4546
  Marmara spp. in, on *Citrus* 579
  Nabis spp. in, natural enemies of 112
  Pectinophora gossypiella in, on cotton 3927, 4819
  Phytoseiidae in 2636
  Pityophthorus spp. in, on *Pinus* 4556
  Pityotrichus hesperius in, on *Pinus* 4556
  Plusia californica in, natural enemies of 4892
  Therioaphis trifolii in, on lucerne 3709
arizonensis, Petrova
Arjuna (see *Terminalia arjuna*)
Arkansas
  Hylobius pales in, on *Pinus* 1961
  Neodiprion taedae in
    natural enemies of 4874
    on *Pinus* 4874
  Pachylobius picivorus in, on *Pinus* 1961
  Trichoplusia ni in
    natural enemies of 242
    on turnip 242
armazhi, Craspedolepta
armigera, Dicladispa, (*Hispa*)
armigera, Heliothis, (*Helicoverpa*)
armigera, Trichogrammatoidea
armillata, Nythobia, (*Diadegma*)
armoraciae, Phyllotreta
aroma, Rothschildia
Arprocarb (*see* Propoxur)
arrhenatheri, Schizaphis
Arsenic, in potatoes, residues of 808
Arsenic acid
  in termites, effects on gut symbionts of 2272
  calcium salt, in predatory insects, toxicity of 3578
  lead salt, with azinphos-methyl, and dinocap, in apple orchards, effects on pests and predators of 1899
  sodium salt, with copper sulfate, and sodium chromate, against, fungi and termites 2423
Arsenic acid (H_3AsO_4)
  lead salt
    in predatory insects, toxicity of 3578
    in *Stethorus nigripes,* toxicity of 4532
Arsenous acid, sodium salt, for killing coconut palms with red-ring disease 5109
Arsinic acid, dimethyl-, in *Pinus* trap trees 1955–1956
Artemisia absinthium, *Protaphis elatior* on, in Turkmenia 1110
Artemisia chamaemelifolia, *Craspedolepta georgica* on, in Georgia (USSR) 2966
Artemisia meyeriana, *Craspedolepta armazhi* on, in Georgia (USSR) 2966

Artemisia turanica, *Brachyunguis afghanica* on, in Afghanistan 859
artemisiae, Macrosiphum, (*Macrosiphoniella*)
Artemisiomyia, gen. n., description of 3282
Arthrobacter, DDT in, degradation of 3980
Arthropods, relations with plants and other arthropods 4673
Artichoke, globe (*Cynara scolymus*)
  Agistemus exsertus on, in Egypt 540
  Agrotis ipsilon on, in France 5138
  Capitophorus horni on, in France 1392
  Cynthia cardui on, development of 4190
  Hydraecia xanthenes on, in Spain 3095
  Peridroma saucia on, in France 5138
  Phlogophora meticulosa on, in France 5138
articulatus, Selenaspidus
artus, Aspidiotus
Arundinaria, *Geodiaspis arundinariae* on, in Georgia (USA) 2
arundinariae, Geodiaspis
Asaphes, hyperparasitising, aphids, in South Africa 601
Asaphes aeneus
  dispersal of 1005
  flight activity in 1005
  orientation in 1005
Asaphes suspensus
  hyperparasitising, *Capitophorus horni,* in France 1392
  in France 1392
  parasitising
    Aphidius matricariae, in France 1392
    Praon flavicorne, in France 1392
Asaphes vulgaris
  dispersal of 1005
  flight activity in 1005
  hyperparasitising, aphids, in UK 3133
  in UK 3133
  orientation in 1005
ascalonicus, Myzus
Aschersonia, in, *Dialeurodes citri,* biological control with 184
Asclepias gigantea (see *Calotropis*)
Ascogaster, in Turkey 3718
Ascogaster quadridentata
  in USSR 4770
  parasitising, *Cydia pomonella,* in Moldavia 4770
L-Ascorbic acid (vitamin C)
  diet component for
    Agrotis segetum 3393
    Cardiochiles nigriceps 3555
    Chilo auricilius 4094
    Epiphyas postvittana 4663
    Heliothis armigera 4655
    Hypera postica 4661
    Lobesia botrana 32
    Myzus persicae 349
    Ostrinia nubilalis 1353
L-Ascorbic acid *contd.*
  diet component for *contd.*
    Otiorhynchus sulcatus 2122
    Phytoseiulus persimilis 2266
    Pieris brassicae, not affecting granulos infection 3894
    Popillia japonica 4660
    Spodoptera littoralis 1790, 3551
    Wiseana spp. 1801
    Zeiraphera diniana 1159
  in cabbage, reduced by carbaryl and fenitrothion sprays 3768
  in *Itoplectis conquisitor* diet, not require 350
  in tomatos, effects of *Tetranychus cinnabarinus* infestation on 1924
Ascotis selenaria
  in USSR 1142
  on tea, in USSR 1142
Ascotis selenaria reciprocaria
  in Kenya 2258
  on coffee, in Kenya 2258
  parasitised by
    Afromelanichneumon sporadicus, in Kenya 2258
    Cryptus nigropictus, in Kenya 2258
Asemum striatum
  flight activity in 2857
  in Belgium 2857
Aserica (see *Maladera*)
Ash (see *Fraxinus*)
Ash, green (see *Fraxinus pennsylvanica*)
Ash, mountain (see *Sorbus aucuparia*)
Ash, white (see *Fraxinus americana*)
Asia, South-East, plant pests and diseases 1774
asiatica, Blepharocera
asiatica, Canephora
asiatica, Nycteola
asiatica, Tecaspis
asiaticum, Impatientinum
asiaticus, Archips, (*Archippus*)
Asilidae
  in Romania 2676
  nutrition of 2676
Asioreas nivia, in USSR 3530
Asiphum, on *Populus euphratica,* in Kazakhstan 2613
Asolcus (see *Trissolcus*)
Asolcus semistriatus (see *Trissolcus*)
ASP-51 (*see* Thiodiphosphoric acid ($[(HO)_2P(S)]_2O$), tetrapropyl ester)
Asparagus, *Melanagromyza* spp. on, in Hungary 4042
Asparagus bean (see *Dolichos sesquipedal*
Asparagus fields, *Pectinophora gossypiella* in, in California 4133
Asparagus officinalis (see Asparagus)
L-Aspartic acid
  in *Dysdercus fasciatus,* dietary requirement for 3001

Aspartic acid *contd.*
  in *Scirpophaga nivella,* dietary requirement for 3000
peratus, Sciaphilus
spergillus
  in
    Archips rosanus, in Lithuania 3950
    Dendroctonus frontalis 2896
    orchard pests, in Lithuania 3948
    Saccharicoccus sacchari, in Barbados 4247
spergillus flavus
  in
    Orosius albicinctus, pathogenicity of 637
    Tenebrio molitor, effects of 4414
spergillus fumigatus
  in
    Utetheisa pulchella
      in Rajasthan 2894
      pathogenicity of 2894
spergillus niger, in, *Tenebrio molitor,* effects of 4414
spergillus tamarii, in, *Azygophleps scalaris,* in India 3783
perulus, Xylotrupes gideon
sphondylia ricini
  in Mozambique 2826
  on *Ricinus communis,* in Mozambique 2826
sphondylia sesami
  biology of 2363
  control of 2363
  in India 2363
  in Nigeria 4807
  on *Sesamum indicum*
    in India 2363
    in Nigeria 4807
spidioti, Anthemus
spidiotiphagus citrinus
  in France 3747
  parasitising, *Unaspis yanonensis,* in France 3747
Aspidiotus, in USA (Hawaii) 3715
Aspidiotus artus, sp. n., description of 4554
Aspidiotus atomarius
  in Kenya 4554
  on tea, in Kenya 4554
  taxonomy of, transferred from *Aonidiella* 4554
Aspidiotus atripileus, sp. n., description of 4554
Aspidiotus coryphae
  in Philippines 4554
  on coconut, in Philippines 4554
  on *Corypha elata,* in Philippines 4554
Aspidiotus cyanophylli (see *Abgrallaspis*)
Aspidiotus destructor
  in Easter Island 2253
  in Mozambique 3217
  in Puerto Rico 1391
  in Surinam 542
Aspidiotus destructor *contd.*
  in USA (Hawaii) 3715
  on banana
    in Easter Island 2253
    in Mozambique 3217
    in Puerto Rico 1391
  on coconut
    damage caused by 542
    in Hawaii 3715
    in Surinam 542
  parasites of, in Hawaii 3715
  parasitised by, *Signiphora borinquensis,* in Puerto Rico 1391
  predators of, in Hawaii 3715
  preyed on by, *Rhizobius pulchellus,* in New Hebrides 2764
  rearing of, techniques for 3058
Aspidiotus elaeidis
  in Dahomey 4554
  on *Elaeis guineënsis,* in Dahomey 4554
Aspidiotus hederae **auct.** (see *A. nerii*)
Aspidiotus nerii
  in Brazil 4554
  in New Caledonia 2764
  in South Korea 2651
  on coconut, in New Caledonia 2764
  preyed on by, *Rhizobius pulchellus,* in New Caledonia 2764
Aspidiotus pectinatus, taxonomy of, synonym of *Diaspidiotus africanus* 2972
Aspidiotus queenslandicus 4554
Aspidomorpha miliaris
  biology of 2360
  in Philippines 2360
  on sweet potato, in Philippines 2360
  parasitised by, *Tetrastichus* spp., in Philippines 2360
Aspilia latifolia, *Zonocerus variegatus* on, in Nigeria 3631
Aspon (*see* Thiodiphosphoric acid ([(HO)$_2$P(S)]$_2$O), tetrapropyl ester)
assectella, Acrolepia
assimilis, Ceutorhynchus
assimilis, Gryllus, (*Acheta*)
assimilis, Muscina
assiniboinensis, Acyrthosiphon
assulta, Heliothis, (*Helicoverpa*)
asteris, Tarsonemus pallidus
Asterolecanium pustulans
  biology of 3178
  control of, insecticides for 215
  descriptions of 3178
  in Egypt 3178, 3647
  in USA 215
  on fig, in Egypt 3178
  on ornamental plants, in Texas 215
  on peach, in Egypt 3178
  preyed on by, *Cheletogenes ornatus,* in Egypt 3647
Asterolecanium sambuci (see *A. pustulans*)
Astylus atromaculatus
  control of, insecticides for 2741

- ***Astylus atromaculatus*** *contd.*
  - in Argentina 2741
  - on cucurbits, in Argentina 2741
  - on groundnut, in Argentina 2741
  - on lucerne, in Argentina 2741
  - on maize, in Argentina 2741
  - on sorghum, in Argentina 2741
  - pollinating, *Helianthus annuus,* in Argentina 2741
- ***asychis, Aphelinus***
- ***Ataenius spretulus***
  - in USA 4760
  - milky disease of, in New York 4760
  - on grasses, in New York 4760
- ***atalantae, Theronia***
- ***ater, Agrilus***
- ***ater, Bruchidius***
- ***ater, Dermestes***
- ***ater, Hylastes***
- ***Athalia,*** in Yugoslavia 4041
- ***Athalia cordata***
  - in Bulgaria 487
  - on *Plantago major,* in Bulgaria 487
  - on *Rosa damascena,* in Bulgaria 487
  - parasitised by
    - *Colpoclypeus* spp., in Bulgaria 487
    - *Tetrastichus hylotomarum,* in Bulgaria 487
    - *Vibrissina turrita,* in Bulgaria 487
- ***Athalia lugens proxima***
  - carbaryl susceptibility in, effects of food-plant on 774
  - control of, insecticides for 2808
  - diazinon susceptibility in, effects of food-plant on 774
  - in India 2808
  - malathion susceptibility in, effects of food-plant on 774
  - on mustard, in India 2808
  - phosphamidon susceptibility in, effects of food-plant on 774
- ***Atherigona***
  - in Oriental region 1048
  - on sorghum, in Uganda 4756
- ***Atherigona approximata***
  - on *Pennisetum typhoides* 1048
  - on sorghum 1048
  - taxonomy of 1048
- ***Atherigona bituberculata,*** taxonomy of, synonym of *A. simplex* 1048
- ***Atherigona campestris***
  - in Uganda 4756
  - on sorghum, in Uganda 4756
- ***Atherigona exigua,*** taxonomy of 1048
- ***Atherigona exigua*** auct. (see *A. oryzae*)
- ***Atherigona falcata***
  - control of, insecticides for 507
  - in India 507
  - on wheat
    - damage caused by 507
    - in Uttar Pradesh 507
- ***Atherigona falcata*** *contd.*
  - taxonomy of, *Atherigona nudiseta* as synonym of 1048
- ***Atherigona gilvifolia***
  - in Uganda 4756
  - on sorghum, in Uganda 4756
- ***Atherigona naqvii***
  - in Australia 1048
  - in India 1048
  - in Nigeria 1048
  - in Pakistan 1048
  - in Saudi Arabia 1048
  - taxonomy of 1048
- ***Atherigona nudiseta,*** taxonomy of, synonym of *A. falcata* 1048
- ***Atherigona orientalis,*** taxonomy of 1048
- ***Atherigona oryzae***
  - in India 1045
  - on rice 1048
    - in Madhya Pradesh 1045
  - taxonomy of 1048
- ***Atherigona reversura***
  - in USA (Hawaii) 4639
  - on *Cynodon dactylon,* in Hawaii 4639
- ***Atherigona secrecauda***
  - in Uganda 4756
  - on sorghum, in Uganda 4756
- ***Atherigona simplex***
  - control of, insecticides for 4740
  - in India 4740
  - on wheat, in Madhya Pradesh 4740
  - taxonomy of, *Atherigona bituberculata* as synonym of 1048
- ***Atherigona soccata***
  - biology of 526, 1053
  - control of
    - *Bacillus thuringiensis* for 1067
    - biological 1067
    - crop management for 1067
    - insecticides for 1049, 1052, 1061–106 5101
    - sterile-insect release for 1067
  - development in, duration of 1051
  - distribution of 1048
  - food-plants of 1050
  - in India 526, 1063–1065, 2727, 4277, 5101
  - in Nigeria 1047, 1061
  - in South Africa 1047
  - in Thailand 1049–1050, 1062
  - in Uganda 1051, 4756
  - on *Pennisetum typhoides,* in Uttar Pradesh 2727
  - on sorghum
    - damage caused by 1049
    - in India 1063–1065, 4277
    - in Mysore 5101
    - in Nigeria 1061
    - in Rajasthan 526
    - in Thailand 1049, 1062
    - in Uganda 4756
    - in West Africa 1052

- ***therigona soccata*** *contd.*
  - on sorghum *contd.*
    - resistance to 1055–1060, 4277
  - rearing of, equipment for 1053
  - taxonomy of 1048
- ***therigona tomentigera***
  - in Uganda 4756
  - on sorghum, in Uganda 4756
- ***therigona varia***
  - distribution of 1048
  - taxonomy of 1048
- ***therigona varia soccata*** (see *A. soccata*)
- ***thous haemorrhoidalis,*** in UK 3105
- ***thous subfuscus***
  - in USSR 3947
  - preying on, *Pristiphora abietina,* in Lithuania 3947
- ***lanticus, Tetranychus*** (see *T. turkestani*)
- ***tomaria linearis***
  - biology of 1494
  - control of 1494
  - in UK 1494
  - marking of, radiophosphorus for 829
  - on beet, damage caused by 1494
  - on spinach, damage caused by 1494
  - voltinism in 828
- **tomarininae,** in Afghanistan 395
- ***tomarius, Aspidiotus,*** (*Aonidiella*)
- ***tomon, Azotus***
- **TP** (*see* Adenosine, 5′-(tetrahydrogen triphosphate))
- **TPase** (*see* Phosphatase, adenosine tri-)
- ***tra, Phyllotreta***
- ***trachya menetriesii***
  - diapause in 3487
  - water relations of 3487
- ***tractotomus mali,*** in Poland 563
- **tractyloside,** in pea, aiding penetration of γ-BHC into roots 4010
- **trazine** (*see* 1,3,5-Triazine-2,4-diamine, 6-chloro-*N*-ethyl-*N*′-(1-methylethyl)-) 4959
- ***tricornis, Phytomyza***
- ***tripennis, Aulacophora***
- ***tripileus, Aspidiotus***
- ***triplex, Chrysoesthia sexguttella*** on, in Romania 4833
- ***trisquamalis, Pediasia*** (see *P. mixtalis*)
- ***tristriga, Graphania,*** (*Persectania*)
- ***tromaculatus, Astylus***
- ***trometus geniculatus***
  - in Yugoslavia 687
  - parasitising, *Gypsonoma aceriana,* in Yugoslavia 687
- ***tropilosa, Vespula***
- **tropine sulfate** (*see* Benzeneacetic acid, α-(hydroxymethyl)-, 8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester, sulfate (2:1) (salt), *endo*-($\pm$)-)
- ***tta***
  - behaviour in 2531
  - fungus-culturing behaviour in 3113
- ***Atta*** *contd.*
  - rectal enzymes in 4212
- ***Atta cephalotes***
  - baits for, brood pheromones not suitable as arrestants in 1825
  - control of, baits for 2244–2246
  - habitats of 3109
  - in Costa Rica 3109
  - in Mexico 1681
  - in Trinidad and Tobago 2244–2246
- ***Atta cephalotes oaxaquensis*** (see *A. cephalotes*)
- ***Atta colombica***
  - habitats of 3109
  - in Costa Rica 3109
- ***Atta mexicana,*** in Mexico 1681
- ***Atta sexdens***
  - fungus gardens of, auxins in 2247
  - metathoracic secretion of, auxins in 2247
- ***Atta sexdens rubropilosa,*** refuse chambers of, insects living in 442
- ***Atta texana***
  - associating with, *Pholeomyia comans* 1315
  - in Mexico 1681
  - trail pheromone in, activity of analogues of 2648, 4575
- ***Attagenus megatoma***
  - control of
    - food additives for 4514
    - fumigants for 1987, 4939
    - insecticides for 2484, 3369, 3992, 3998, 4398
    - sex pheromone for 2498
    - surfactants for 3989
  - development in, enzyme activity during 22
  - fecundity in, effects of insecticides on 4952
  - in UK 5206
  - in textiles 3369, 3989, 3992, 4398
    - in UK 5206
- ***Attagenus pellio***
  - in UK 5206
  - in textiles, in UK 5206
- ***Attagenus piceus*** (see *A. megatoma*)
- **Attractants,** methods for evaluating 2601
- ***Atylana rarotongae***
  - sp. n., description of 4552
  - in Cook Islands 4552
- **Aubergine** (*see* Eggplant)
- **Auchenorrhyncha**
  - dispersal of 3522
  - in Afghanistan 392
  - in Kazakhstan 2617–2618
  - in Sudan 2083
  - in grassland, effects of grazing on 3707
  - preyed on by, *Myrmica* spp., in Poland 2694
- ***aucta, Verrallia***
- ***augur, Urocerus***
- ***aulacaspidis, Adelencyrtus***

- ***Aulăcaspis cinnamomi*** (see *A. tubercularis*)
- ***Aulacaspis madiunensis***
  - in Australia 1402
  - parasitised by
    - *Aphytis* spp., in Queensland 1402
    - *Physcus* spp., in Queensland 1402
- ***Aulacaspis tegalensis***
  - control of
    - biological 1402
    - insecticides for 320
  - in Kenya 1403
  - in Mauritius 1402
  - in Tanzania 320, 1402–1403
  - in Uganda 1403
  - on sugar-cane
    - in East Africa 1403
    - in Mauritius 1402
    - in Tanzania 320
  - parasites of 1402
  - *Pheidole megacephala* transporting eggs of 320
  - predators of 1402
- ***Aulacaspis tubercularis***
  - in New Hebrides 2764
  - on coconut, in New Hebrides 2764
  - preyed on by, *Rhizobius pulchellus*, in New Hebrides 2764
- ***Aulacigaster leucopeza***
  - in USA 1150
  - on *Acer*, in Indiana 1150
- ***Aulacophora abdominalis***
  - in Australia 2809
  - on zucchini marrow, in Queensland 2809
- ***Aulacophora atripennis***
  - control of, insecticides for 2055
  - in India 2055
  - on cucurbits, in India 2055
- ***Aulacophora foveicollis***
  - control of, insecticides for 1485, 2055, 3149
  - feeding behaviour in 4329
  - in India 1485, 2055, 3149
  - on cucurbits, in India 2055
  - on *Lagenaria vulgaris* 4329
  - on *Mentha arvensis*, in Uttar Pradesh 3149
  - on pumpkin, in Madhya Pradesh 1485
- ***Aulacophora hilaris***
  - biology of 4325
  - control of 4325
  - in Australia 2809, 4325
  - on cucurbits, in New South Wales 4325
  - on zucchini marrow, in Queensland 2809
- ***Aulacorthum antherrinii***
  - in Romania 1128
  - on potato, in Romania 1128
- ***Aulacorthum circumflexum***
  - false pea leaf-roll virus in, not transmitted 2814
  - parasitised by, *Aphelinus asychis*, defence mechanisms against 1751, 3511
- ***Aulacorthum circumflexum*** *contd.*
  - pea enation mosaic virus in, transmission of 1996
  - watermelon mosaic virus in, transmission of 735
- ***Aulacorthum solani***
  - alarm pheromone in 3474
  - biology of 2804
  - control of 2804
    - in glasshouses 3935
  - feeding behaviour in, effects of sinigrin o 1701
  - food-plants of 4197
  - in Chile 2800
  - in France 1766, 3935
  - in New Zealand 3713
  - in Romania 1128
  - in South Korea 265
  - in UK 2804, 4347
  - in USA 3542, 4197
  - on lettuce
    - in France 1766
    - in UK 2804
  - on potato
    - in Romania 1128
    - in UK 4347
  - pea enation mosaic virus in, transmission of 1996
  - subterranean clover red-leaf virus in, transmission of 3713
  - watermelon mosaic virus in, transmission of 735
- ***Aulacorthum solani aegopodii***, pea enation mosaic virus in, transmission of 1996
- ***Aulacorthum solani doronici***, pea enation mosaic virus in, transmission of 1996
- ***Aulacorthum solani langei***, pea enation mosaic virus in, transmission of 1996
- ***Aulacorthum solani prasinum***, pea enation mosaic virus in, transmission of 1996
- ***aulicus, Mesoleius***
- ***aurantii, Aonidiella***
- ***aurantii, Chloropulvinaria***
- ***aurantii, Toxoptera***
- ***aurata, Cetonia***
- ***auratus, Rhynchites***
- ***aureoargentella, Argyresthia***
- **Aureomycin** (*see* Chlortetracycline)
- ***auricaudata, Ceromasia***
- ***aurichalcea, Protaetia***
- ***auricilius, Chilo***, (*Chilotraea*)
- ***auricularia, Forficula***
- ***auripila, Sciara***, (*Lycoriella*)
- ***aurita, Ledra***
- ***auropunctum, Calosoma***
- ***aurora, Lymantria mathura***
- ***Austracris guttulosa***
  - in Australia 4276
  - on sorghum, in Queensland 4276
- ***australana, Archips***
- **Australia** (*see also* individual States)
  - *Amitermes* spp. in 1861

- **stralia** *contd.*
  - *Aphis craccivora* in 3532–3533
  - Chilonini in 3442
  - *Chondrilla juncea* in
    - *Aceria chondrillae* for biological control of 5087
    - *Cystiphora* spp. for biological control of 5087
    - *Puccinia chondrillina* for biological control of 5087
  - *Chortoicetes terminifera* in 4682
  - *Ctenomorphodes tessulatus* in, on *Eucalyptus* 4378
  - *Dacus tryoni* in 2077
  - *Didymuria violescens* in, on *Eucalyptus* 4378
  - *Epiphyas postvittana* in 1842
    - natural enemies of 1189
  - ruit in, pest control in 2077
  - Haplothripini in 2982
  - *Heliothis armigera* in, on cabbage 3224
  - ntegrated control in 3390
  - *Iridomyrmex detectus* in 3111
  - *Neodrepta luteotactella* in, on ornamental plants 4370
  - *Parlatoria blanchardii* in, on date palm 5113
  - pest control in 3347
  - *Podacanthus wilkinsoni* in, on *Eucalyptus* 4378
  - rice in, pest control on 4754
  - *Sternochetus mangiferae* in, on mango 2588
  - stored grain in, pest control in 2077
  - sugar-cane mosaic virus in 2283
  - Tachinidae in 2501
  - *Teleogryllus commodus* in 4113
  - *T. oceanicus* in 4113
  - termites in, on *Acacia aneura* 4236
  - *Tracholena homopolia* in, on *Callitris* 3290
  - *Xanthium strumarium* in
    - *Mecas saturnina* for biological control of 4242
    - *Nupserha vexator* for biological control of 4242
- ***stralicum, Trichogramma***
- ***stralis, Monolepta***
- ***stralis, Scapanes***
- **stria**
  - *Adelges nordmannianae* in
    - on *Abies* 707
    - on *Picea* 707
  - Chrysopidae in 1313
  - *Cinara neubergi* in, on *Pinus* 718
  - *Cnephasia interjectana* in, on *Salix* 3585
  - *Colotois pennaria* in, on *Quercus* 4847
  - *Hylecoetus dermestoides* in, on *Fagus* 4390
  - *Leptinotarsa decemlineata* in, on potato 2036
- **Austria** *contd.*
  - *Nematus pavida* in
    - natural enemies of 5188
    - on *Salix* 5188
  - *Neodiprion sertifer* in, on *Pinus* 4846
  - *Pristiphora erichsonii* in, natural enemies of 5068
  - *Rhagoletis cerasi* in, on cherry 1904
- ***austriaca, Anisoplia***
- ***austriaca, Eurygaster***
- ***Autographa biloba,*** attraction of 341
- ***Autographa californica*** (see *Plusia*)
- ***Autographa chalcites*** (see *Plusia*)
- ***Autographa circumflexa***
  - flight activity in 1326–1327
  - in Egypt 1326–1327, 5061
  - in USSR 2702, 4784
  - on bean, in Uzbekistan 4784
  - on cereals, in Uzbekistan 4784
  - on *Papaver somniferum,* in Kirghizia 2702
  - preyed on by, *Labidura riparia,* in Egypt 5061
- ***Autographa gamma***
  - biology of 417, 1745
  - control of, insecticides for 195
  - flight activity in 373
  - in Egypt 5061
  - in Hungary 4088
  - in Netherlands 195
  - in Yugoslavia 417
  - migration in 3033, 4088
  - on brussels sprouts, in Netherlands 195
  - ovarian development in 4088
  - preyed on by, *Labidura riparia,* in Egypt 5061
- ***Autographa nigrisigna***
  - in India 2816
  - on sugar-beet, in Rajasthan 2816
- ***Autoplusia egena,*** attraction of 341
- ***autumnata, Epirrita,*** (*Oporinia*)
- ***auxiliaris, Euxoa***
- **Auxins**, in radish, effects of *Myzus persicae* on 2351
- ***avellanae, Corylobium***
- ***avellanae, Edwardsiana***
- ***avellanae, Phytoptus***
- ***Avena sativa*** (see Oats)
- ***avenae, Macrosiphum,*** (*Sitobion*)
- ***avenae, Rhopalosiphum***
- ***avenae, Siteroptes***
- ***aversa, Persectania***
- **Avocado** (*Persea americana*)
  - *Amblyseius hibisci* feeding on pollen of 1845
  - Cecidomyiidae on, in Mexico 2754
  - Coccidae on, in Israel 2334
  - pests of, in Queensland 4307
  - *Salagena* spp. on, in South Africa 4777
- ***Axiagastus cambelli***
  - control of, encouraging ants for 4765
  - in Papua New Guinea 4144

- ***Axiagastus cambelli*** *contd.*
  - on coconut, in Lihir Islands 4144
- ***axyridis, Harmonia,*** (*Coccinella*)
- **AY-22342** (*see* 2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-, methyl ester, (*E,E*)-*cis*-)
  - 1589
  - 2562
  - 4854
- **25-Azacholestane** (*see* Cholan-24-amine, *N,N*-dimethyl-, (5α)-)
- **25-Azacholesterol** (*see* Chol-5-en-3-ol, 24-(dimethylamino)-, (3β)-)
- **25-Azacoprostane** (*see* Cholan-24-amine, *N,N*-dimethyl-, (5β)-)
- ***Azadirachta indica***
  - extracts of
    - against, *Rhopalosiphum nymphaeae* 2936
    - antifeedants for, *Schistocerca gregaria* 2936, 4408
- ***Azadirachta indica*** **(stored kernels),** insects in, damage caused by 4408
- **Azasteroids,** insect development inhibited by 1604
- **Azinphos-ethyl** (*O,O*-diethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl] phosphorodithioate)
  - against
    - *Aleurothrixus floccosus* 5130
    - *Chilo agamemnon* 4269
    - *Hemaspidoproctus cinereus* 590
    - *Hypera postica* 1880, 4526
    - *Leptinotarsa decemlineata* 203
    - *Lobesia botrana* 3717
    - *Tetranychus urticae* 1500
    - *Tryporyza incertulas* 4269
  - FAO specifications for 794
  - in rice, toxicity of 4269
  - in soil, insecticidal activity of 1226
  - resistance to, in, *Myzus persicae,* in Czechoslovakia 5239
  - with DDT, against, pests of cotton 4817
  - with endosulfan, against, pests of cotton 4817
- **Azinphos-methyl** (*O,O*-dimethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl] phosphorodithioate)
  - against
    - *Acyrthosiphon dirhodum* 124
    - *Agrilus suvorovi* 3818
    - *Amrasca devastans* 2369
    - *Anisolabis* spp. 4340
    - *Anthonomus grandis* 650, 771, 2368
    - *Aphis gossypii* 3798
    - *Atherigona soccata* 1062
    - *Bemisia tabaci* 1131
    - Buprestidae 3818
    - *Chilo agamemnon* 4269
    - *Choristoneura rosaceana* 1899
    - *Chrysomphalus aonidum* 578
    - *Cydia pomonella* 1094, 1458, 2773
- **Azinphos-methyl** *contd.*
  - against *contd.*
    - *Dasineura pyri* 3201
    - *Earias insulana* 1607, 3787
    - *Empoasca* spp. 1131
    - *E. fabae* 1495
    - *Eulecanium* spp. 2699
    - *Euproctis lunata* 636
    - *Heliothis armigera* 4900
    - *Hoplocampa* spp. 4466
    - *Hyalopterus pruni* 4467
    - *Hydraecia micacea* 2280
    - *Hylemya antiqua* 3241
    - *Hyphantria cunea* 156
    - *Lepidosaphes ulmi* 4462
    - *Leucoptera coffeella* 3262
    - *Liriomyza sativae* 3772
    - *Lobesia botrana* 4475
    - *Macrosiphum avenae* 124
    - *Marmara* spp. 579
    - *Melanoplus bivittatus* 1431
    - *M. differentialis* 1431
    - *M. femurrubrum* 1431
    - *Meligethes* spp. 2205
    - *Myzus persicae* 1131, 1495
    - *Oligonychus indicus* 1034
    - *Operophtera bruceata* 3726
    - *Paropsis charybdis* 719
    - *Pectinophora gossypiella* 3787
    - pests of cotton 1944
    - pests of rice 4262
    - pests of squash 3771
    - *Phthorimaea operculella* 1131, 1495, 2819
    - *Phytomyza rufipes* 2344
    - *Pieris rapae* 1482
    - *Planococcus citri* 216
    - *Pseudococcus adonidum* 216
    - *P. maritimus* 216
    - *Quadraspidiotus perniciosus* 4461
    - *Rhopalosiphum padi* 124
    - *Salagena* spp. 4777
    - *Sphenoptera davatchii* 1884
    - *S. kambyses* 1884
    - *Spodoptera frugiperda* 3167
    - *S. littoralis* 763, 1929
    - *Syringopais temperatella* 506
    - *Thaumetopoea solitaria* 4481
    - *Thrips tabaci* 1131, 1495
    - *Trichoplusia ni* 1482
    - *Tryporyza incertulas* 4269
  - FAO specifications for 794
  - in *Amblyseius fallacis,* toxicity of 3126
  - in apple
    - effects of over-tree irrigation on 2773
    - effects of rain on 2773
  - in *Chrysopa rufilabris,* toxicity of 4970
  - in grape vine, effects of 4472, 4474
  - in grapes, residues of 4475
  - in honey bees, toxicity of 3410
  - in *Metaseiulus occidentalis,* toxicity of 3126

phos-methyl *contd.*
  rice, toxicity of 4269
  soil, insecticidal activity of 1226
  spiders, toxicity of 5114
  Stethorus nigripes, toxicity of 4532
sistance to, in
  Amblyseius fallacis 1389
  Diatraea saccharalis 1595
  Myzus persicae, in Czechoslovakia 5239
  Typhlodromus pyri 2779
ith dinocap, and lead arsenate, in apple orchards, effects on pests and predators of 1899
ith dinocap, and phosalone, in apple orchards, effects on pests and predators of 1899
ith dinocap, and phosmet, in apple orchards, effects on pests and predators of 1899
ith endrin
  against
    Earias insulana 5169
    Pectinophora gossypiella 5169
ith methoxy-DDT, against, *Hypera postica* 1880
ith naled, against, *Prays citri* 3753
ith oil emulsion, against, *Lepidosaphes malicola* 4292
ith trichlorphon
  against
    Earias insulana 4810
    Pectinophora gossypiella 4810
nphosethyl (*see* Azinphos-ethyl)
nphosmethyl (*see* Azinphos-methyl)
ridine, 1,1′,1″-phosphinothioylidynetris- (*see* Thiotepa)
ridine, 1,1′,1″-phosphinylidynetris- (*see* Tepa)
ridine, 1,1′,1″-phosphinylidynetris[2-methyl- (*see* Metepa)
ziridinecarboxamide, *N,N′*-1,6-hexanediylbis-
  terilant for
    Dacus tryoni 4606
    Macrosiphum euphorbiae 752
zi, Centrodora
ochis gripusalis
  ontrol of, insecticides for 573
  n Brazil 573
  n fig, in Brazil 573
odrin (*see* Monocrotophos)
otox (*see* DDT)
otus atomon
  iology of 701
  n Italy 701
  arasitising, *Leucaspis pusilla,* in Italy 701
teca, nuptual flight in 101
teca chartifex, in Surinam 542
ecus, Peneus

Azygophleps scalaris
  Aspergillus tamarii in, in India 3783
  in India 3783
  on *Sesbania,* in India 3783
A13-16275 (*see* Allethrin, (1*R-trans*)-)
A13-17034 (*see* Malathion)
A13-17510 (*see* Allethrin)
A13-19763 (*see* Trichlorphon)
A13-20738 (*see* Dichlorvos)
A13-22897 (*see* Dioxathion)
A13-23284 (*see* Fenchlorphos)
A13-23437 (*see* Disulfoton)
A13-23979 (*see* Endosulfan)
A13-24482 (*see* Dicrotophos)
A13-24650 (*see* Dimethoate)
A13-24726 (*see* Fenchlorphos)
A13-24727 (*see* Dinocap)
A13-24915 (*see* Tepa)
A13-24916 (*see* Thiotepa)
A13-24945 (*see* Fensulfothion)
A13-24964 (*see* Oxydemeton-methyl)
A13-24988 (*see* Naled)
A13-25540 (*see* Fenthion)
A13-25545 (*see* Isobenzan)
A13-25584 (*see* Heptachlor epoxide)
A13-25606 (*see* Quinomethionate)
A13-25671 (*see* Propoxur)
A13-25705 (*see* Phosmet)
A13-25712 (*see* Trichloronate)
A13-25715 (*see* Fenitrothion)
A13-25726 (*see* Methiocarb)
A13-25766 (*see* Zectran)
A13-25784 (*see* Aminocarb)
A13-26316 (*see* Apholate)
A13-27093 (*see* Aldicarb)
A13-27162 (*see* Bromophos)
A13-27164 (*see* Carbofuran)
A13-27193 (*see* Methidathion)
A13-27244 (*see* Dinobuton)
A13-27258 (*see* Bromophos-ethyl)
A13-27311 (*see* Dursban)
A13-27335 (*see* Galecron)
A13-27339 (*see* Tetramethrin)
A13-27386 (*see* Phenthoate)
A13-27408 (*see* Iodofenphos)
A13-27438 (*see* Fenazaflor)
A13-27448 (*see* Phoxim)
A13-27474 (*see* Resmethrin)
A13-27566 (*see* Formetanate)
A13-27567 (*see* Galecron)
A13-31560 (*see* Trimedlure)
A13-31833 (*see* Cue-lure)
A13-50003 (*see* Metepa)
A13-50172 (*see* 1-Aziridinecarboxamide, *N,N′*-1,6-hexanediylbis-)
A13-50882 (*see* Hempa)
A13-62112 (*see* 1,2,4-Dithiazol-1-ium, 3,5-bis(dimethylamino)-, sulfate (1:1))
A13-70221 (*see* Oxirane, 3-[5-(4-ethylphenoxy)-3-methyl-3-pentenyl]-2,2-dimethyl-)

- **A13-70350** (*see* 2,6-Nonadienoic acid, 3,7-dimethyl-9-(trimethyloxiranyl)-, ethyl ester)
- ***baccarum, Dolycoris***
- ***Baccharis halimifolia***
  - *Aristotelia* spp. on, and biological control using, in Queensland 2701
  - *Oidaematophorus balanotes* on, and biological control using, in Queensland 2701
  - *Trirhabda bacharidis* on, and biological control using, in Queensland 2701
- ***bacharidis, Trirhabda***
- **Bacillaceae,** in, *Lymantria dispar,* in Connecticut 4878
- ***Bacillus***
  - in
    - *Chlorochiton suturalis,* infectivity of 4883
    - *Costelytra zealandica,* in New Zealand 2006
    - *Odontria striata,* infectivity of 4883
    - *Oryctes* spp., in Malagasy Republic 240
    - *Pericoptus truncatus,* infectivity of 4883
- ***Bacillus cereus***
  - *Abies balsamea* foliar constituents in, effects of 4873
  - in
    - *Cydia pomonella,* pathogenicity of 3895
    - *Dendroctonus frontalis,* pathogenicity of 2445
    - *Lasioderma serricorne,* in South Carolina 3895
    - *Lymantria dispar,* in Connecticut 4878
- ***Bacillus cereus* var. *galleriae*** (see *B. thuringiensis* var. *galleriae*)
- ***Bacillus fribourgensis,*** serology of 3312
- ***Bacillus popilliae***
  - in
    - *Costelytra zealandica*
      - effects of 4757
      - in New Zealand 4883
    - *Melolontha melolontha* 3323
    - *Popillia japonica*
      - and biological control using 5211
      - development of infection with 3340
      - effects of 2898
  - not affecting personnel involved in production of spores of 3975
  - serology of 3312
  - sporulation in 2899, 5211
- ***Bacillus popilliae melolontha,*** serology of 3312
- ***Bacillus subtilis***
  - antagonistic to
    - *Bacillus thuringiensis* 2891
    - *Beauveria bassiana* 2891
- ***Bacillus thuringiensis***
  - *Abies balsamea* foliar constituents in, effects of 4873
  - against
    - *Acheta domesticus* 336, 447
    - *Acrolepia assectella* 4500
    - *Adoxophyes orana* 1461
    - *Anomis flava* 5236
    - *Atherigona soccata* 1067
    - *Bupalus piniarius* 1157
    - cabbage cutworms 2149
    - *Choristoneura fumiferana* 3926
    - *Copitarsia* spp. 5141
    - *Cydia leucostoma* 1529
    - *Ephestia kuehniella* 259
    - *Euproctis chrysorrhoea* 565
    - *Heliothis virescens* 1527
    - *Hylesia nigricans* 753
    - *Hyphantria cunea* 5225
    - *Mamestra brassicae* 193
    - *Operophtera brumata* 1461
    - *Pachydiplosis oryzae* 4263
    - *Panonychus citri* 744
    - pests of apple 1087
    - *Phryganidia californica* 1193
    - *Pieris rapae* 1482, 1581
    - *Plathypena scabra* 1489
    - *Plutella xylostella* 5141
    - *Prays citri* 3753
    - *P. oleae* 5133
    - *Sitophilus granarius* 3571
    - *Spodoptera littoralis* 4495–4497
    - *Stilpnotia salicis* 3270
    - *Thaumetopoea pityocampa* 671
    - *Trichoplusia ni* 1482, 2806, 5141
  - *Bacillus subtilis* antagonistic to 2891
  - bioassay for 2001, 2193
  - characterisation of 1571
  - exotoxin of 830
    - bioassay for 2193
  - haemolysins in 4886
  - in
    - *Abraxas grossulariata,* in Lithuania 3950
    - *Archips rosanus,* in Lithuania 3950
    - *Bombyx mori,* effects of 2906
    - *Heliothis zea,* effects of 3341
    - *Leptinotarsa decemlineata,* effects of 3009
    - *Lymantria dispar,* in Connecticut 48
    - *Nematus ribesii,* in Lithuania 3950
    - soy bean, persistence of 4915
    - *Stethorus nigripes,* pathogencicity of 4532
    - *Trichoplusia ni,* effects of 3338
  - insecticidal activity of, related to α-exotoxin production 748
  - parasporal crystal digests of, determinin insecticidal activity of 746
  - preparations of 831
    - bioassay of 844
    - persistence of 1193

- ***cillus thuringiensis*** contd.
  - eparation of parasporal bodies and spores of 3050
  - axonomy of 3901
  - oxins of sporeless variants of 5225
  - vith *Beauveria bassiana,* against, *Sitophilus granarius* 3571
  - vith DDT, against, *Mamestra brassicae* 193
  - vith Galecron
    - against
      - *Pieris rapae* 1482
      - *Trichoplusia ni* 1482
  - vith viruses
    - against
      - *Pieris rapae* 1482
      - *Trichoplusia ni* 1482
  - erotype 5, antigenic subfactors in 2907
- ***cillus thuringiensis* var. *alesti***
  - gainst
    - *Anisota senatoria* 4520
    - *Diapheromera femorata* 4520
    - *Heterocampa manteo* 4520
  - -endotoxin of, factors affecting production of 1191
- ***cillus thuringiensis* var. *anduze,*** against, *Hyphantria cunea* 1186
- ***cillus thuringiensis* var. *berliner,*** against, *Hyphantria cunea* 1186
- ***cillus thuringiensis* var. *canadensis,*** var. n., antigenic factors in 2907
- ***cillus thuringiensis* var. *darmstadiensis,*** exotoxin of 5217
- ***cillus thuringiensis* var. *dendrolimus***
  - gainst
    - *Archips rosanus* 3949
    - *Nematus ribesii* 3949
- ***cillus thuringiensis* var. *entomocidus,*** toxins of 5212
- ***cillus thuringiensis* var. *galleriae***
  - gainst
    - *Archips rosanus* 3949
    - *Argyresthia conjugella* 561
    - *Choristoneura fumiferana* 4415
    - *Cydia funebrana* 175
    - *C. pomonella* 4291
    - *Hyphantria cunea* 1186
    - *Nematus ribesii* 3949
    - *Pieris rapae* 5139
    - plant pests 845
    - *Plutella xylostella* 5139
  - antigenic formula of 2907
  - in, *Yponomeuta padellus,* effects on haemocytes of 3951
  - with carbaryl, in *Yponomeuta padellus,* effects on haemocytes of 3951
  - with chitinase, against, *Choristoneura fumiferana* 4415
  - with trichlorphon
    - against
      - *Pieris rapae* 5139
      - *Plutella xylostella* 5139
- ***Bacillus thuringiensis* var. *gelechiae,*** in, *Galleria mellonella,* effects of 3006
- ***Bacillus thuringiensis* var. *kenyae,*** in, *Dendroctonus frontalis,* pathogenicity of 2445
- ***Bacillus thuringiensis* var. *kurstaki***
  - against
    - *Choristoneura fumiferana* 3926
    - *Colotois pennaria* 4847
    - *Euxoa messoria* 3348
    - *Heliothis armigera* 4900
    - *H. virescens* 1527, 5170
    - *H. zea* 1411
    - *Neodiprion sertifer* 4847
    - *Pieris rapae* 1481–1482, 5142–5143
    - *Plutella xylostella* 1481, 5143
    - *Prays oleae* 5133
    - *Pristiphora abietina* 4847
    - *Spodoptera frugiperda* 1411
    - *Stilpnotia salicis* 4847
    - *Trichoplusia ni* 1481–1482, 5142–5143
  - δ-endotoxin of, factors affecting production of 1191
  - with Galecron
    - against
      - *Pieris rapae* 5142–5143
      - *Plutella xylostella* 5143
      - *Trichoplusia ni* 5142–5143
- ***Bacillus thuringiensis* var. *thompsoni***
  - taxonomy of 3901
  - thermostable exotoxin not produced by 5217
- ***Bacillus thuringiensis* var. *thuringiensis***
  - against
    - *Bupalus piniarius* 1157, 1535
    - *Copitarsia* spp. 5141
    - *Dendroctonus frontalis* 2445
    - *Euxoa messoria* 3348
    - *Heliothis virescens* 1527
    - *Hellula undalis* 1112
    - *Hyphantria cunea* 1186
    - *Phyllotreta striolata* 1112
    - *Plutella xylostella* 1112, 1910, 5141
    - *Prays oleae* 5133
    - *Spodoptera littoralis* 4495
    - *Thaumetopoea pityocampa* 672
    - *Tipula paludosa* 3887
    - *Trichoplusia ni* 5141
    - *Zeiraphera diniana* 3354
  - β-exotoxin of 770
  - in
    - *Galleria mellonella,* effects of 3006
    - *Lasioderma serricorne,* infectivity of 3895
  - with *Neoaplectana carpocapsae,* against, *Tipula paludosa* 3887
- ***Bacillus thuringiensis* var. *toumanoffi***
  - taxonomy of 3901
  - thermostable exotoxin not produced by 5217
- **Bacitracin**
  - in *Bacillus subtilis* 2891

- **Bacitracin** *contd.*
  - in *Sitophilus oryzae*, effects of 3394
- **Bacteria,** in *Phoracantha semipunctata* gut, not contributing to carbohydrate utilisation 3277
- **Bactospéine** (see *Bacillus thuringiensis*)
- ***Bactra honesta,*** in Japan 119
- ***Bactra verutana chrysea***
  - on *Cyperus esculentus*, and biological control using 4649
  - rearing of, diets for 4649
- ***Baculovirus***
  - proposed as generic name for granulosis and nuclear polyhedrosis viruses 2432
  - replication of 3331
- ***Baculovirus heliothis***
  - in
    - *Heliothis zea,* resistance to, not found 3889
    - soy bean, persistence of 4915
- ***badius, Pogonomyrmex***
- ***baeri, Contarinia***
- ***Bagrada cruciferarum*** (see *B. hilaris*)
- ***Bagrada hilaris***
  - control of, insecticides for 2808
  - in India 2808, 5050
  - on mustard, in India 2808
  - on *Pennisetum typhoides,* in India 5050
  - on *Phaseolus aureus,* in India 5050
  - on *Phaseolus mungo,* in India 5050
  - on sugar-cane, in India 5050
- **Bahamas,** *Coccus capparidis* in 4640
- **Baits**
  - for, *Chrysopa carnea* 348
  - sampling of, dispersed from aircraft 1782
- **Bajra** (see *Pennisetum typhoides*)
- ***bajulus, Hylotrunes***
- ***bakeri, Anuraphis,*** (*Roepkea*)
- ***bakeri, Chelachecaropsis***
- ***bakeri, Paracheyletia***
- ***Bakerina***
  - gen. n., description of 4050
  - in Pakistan 4050
- **Bakers' yeast,** diet component for, *Spodoptera littoralis* 1790
- ***Balaninus nucum*** (see *Curculio*)
- ***Balanites aegyptiaca, Bunaea alcinoe*** on, in Nigeria 3283
- ***balanotes, Oidaematophorus***
- **Balsam** (see *Impatiens balsamina*)
- ***balsamicola, Dasineura***
- ***balsamines, Impatientinum***
- ***balteata, Diabrotica***
- ***balteatus, Syrphus***
- **Bamboo** (see *Pleioblastus* and *Sasa*)
- **Banana**
  - *Aspidiotus destructor* on
    - in Easter Island 2253
    - in Puerto Rico 1391
  - *Ceratitis capitata* on, in Japan 1105
  - *Chavesia eversi* on, in Panama 3435
- **Banana** *contd.*
  - *Cosmopolites sordidus* on, in New Sout Wales 4782
  - *Diabrotica speciosa* on, in Brazil 1106
  - *Erionota thrax* on, in Mauritius 4318
  - insects on, in Mozambique 3217
  - *Odoiporus longicollis* on, in Uttar Prad 589
  - *Opogona sacchari* on, in Canary Islands 2378
  - pests of 3594
  - *Zonocerus variegatus* on, in Nigeria 3
- **Banana bunchy top**
  - causal agent
    - in
      - banana, varietal resistance to 234
      - *Pentalonia nigronervosa,* transmiss of 2340
- **Bangladesh**
  - *Chilo* spp. in, on rice 3697
  - *Erythroneura cajanae* in, on *Cajanus ca* 4049
  - *E. truncata* in
    - on rice 4049
    - on wheat 4049
  - *Machaeropsis qamari* in, on rice 2981
  - *Pachydiplosis oryzae* in
    - natural enemies of 3699
    - on rice 3699
  - *Tryporyza incertulas* in, on rice 3697
- ***banksi, Eutetranychus***
- **Banmite** (*see* Dicofol, with dinocap)
- **Banomite** (*see* Benzenecarbohydrazonyl chloride, *N*-(2,4,6-trichlorophenyl)-)
- ***Barathra brassicae*** (see *Mamestra*)
- ***barbadorum, Oligota***
- **Barbados**
  - *Saccharicoccus sacchari* in
    - natural enemies of 4247
    - on sugar-cane 4247
- ***barbarus, Messor***
- ***barbatum, Praon***
- ***barbatus, Pityotrichus***
- ***barbatus, Pogonomyrmex***
- ***Barbitistes fischeri***
  - in Spain 669
  - preying on, *Thaumetopoea pityocampa,* Spain 669
- **Bark beetles**
  - control of 2384
  - nematodes in 3358
- ***barkeri, Amblyseius***
  - (*Neoseiulus*)
  - (*Typhlodromus*)
- **Barley** (*Hordeum* spp.)
  - *Acyrthosiphon dirhodum* on
    - in UK 1040
    - in West Germany 124
  - aldrin in, metabolism of 1229
  - barley yellow-dwarf virus in, effects of 3152
  - γ-BHC in, residues of 4971

rley *contd.*
Cnephasia pumicana on, in France 4743
Forda hirsuta on, in Turkmenia 1110
Haplodiplosis equestris on, in England 5083
leafhoppers on, in Finland 5084
Limothrips denticornis on, in Finland 2704
Macrosiphum avenae on
in UK 1040
in West Germany 124
Oscinella frit on, in France 1333
O. pusilla on, in France 1333
Rhopalosiphum padi on, in West Germany 124
Syringopais temperatella on, in Iraq 505
rley (stored grain)
bromomethane in, toxicity of 2416
pest control in, in UK 5209
rley yellow dwarf virus
in
Aphis craccae, not transmitted 1409
barley, effects of 3152
Macrosiphum avenae, transmission of 1561, 3152
oats, effects of 3152
Rhopalosiphum maidis, transmission of 1409, 1561
R. padi, transmission of 1409, 1561
Schizaphis graminum, transmission of 1561
wheat, effects of 3152
urodensis, Aleurolobus
rtletti, Metaphycus
arylypa apicate
in India 3145
parasitising, *Ostrinia kasmirica*, in India 3145
salella, Stigmella
sidendroca, Marmara
asidiobolus, in, *Galleria mellonella*, pathogenicity of 2443
silinea, Manga
silinea, Parastichtis (see *Apamea sordens*)
squeella, Stegasta
ssetti, Disholcaspis
assia latifolia, pests of, in Uttar Pradesh 3296
assus (see *Diplazon*)
assus laetatorius (see *Diplazon*)
asudin (*see* Diazinon)
athua (see *Chenopodium album*)
athycoelia thalassina
in Ghana 4824
in Nigeria 1528
on cacao
in Ghana 4824
in Nigeria 1528
parasites of, in Ghana 4824
predators of, in Ghana 4824
athyplectes
parasites of, in North America 3531

Bathyplectes *contd.*
parasitising, *Hypera eximia*, in North America 3531
Bathyplectes anurus, parasitising, *Hypera postica* 3666
Bathyplectes curculionis
in USA 3933, 4762, 5105
parasitising
Hypera postica 3666, 4156
in Georgia (USA) 5105
in Michigan 3933
in South Dakota 4762
Bay (see *Laurus nobilis*)
Bay-Hox 2709 (*see* Phosphorothioic acid, *O*-(3-chloro-7-methylpyrazolo[1,5-*a*]pyrimidin-2-yl) *O,O*-diethyl ester) 2932
Baycid (*see* Fenthion)
Bayer 5621 (*see* Phoxim)
Bayer 5638 (*see* Phosphorothioic acid, *O,O*-diethyl *O*-2-quinoxalinyl ester) 3253
Bayer 5820, against, *Spodoptera littoralis* 1929
Bayer 37289 (*see* Trichloronate)
Bayer 37344 (*see* Methiocarb)
Bayer 77488 (*see* Phoxim)
Bayer 92114 (*see* Benzoic acid, 2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]-, 1-methylethyl ester) 4804
Bayer 93820 (*see* Benzoic acid, 2-[(aminomethoxyphosphinothioyl)oxy]-, 1-methylethyl ester) 1515
Bayrusil (*see* Phosphorothioic acid, *O,O*-diethyl *O*-2-quinoxalinyl ester)
172
2053
Baythion (*see* Phoxim)
BCPE (*see* Chlorfenethol)
Bdella, preying on, *Adelges* spp., in Pakistan 2674
Bean
Acanthoscelides obtectus on
in Hungary 1118
in Turkey 4486
Apion vorax on, in UK 4396
Autographa circumflexa on, in Uzbekistan 4784
carbaryl in, determination of 1623
formothion in, metabolism of 1647
Heliothis armigera on
in Philippines 2354
in Uzbekistan 4784
Hylemya platura on, in New York 3227
Ophiomyia phaseoli on, in Egypt 3929
Sitona spp. on, in UK 4396
Spodoptera exigua on, in Uzbekistan 4784
Tetranychus turkestani on, damage caused by 946

Bean, adzuki (see *Phaseolus angularis*)
Bean, asparagus (see *Dolichos sesquipedalis*)
Bean, bonavist (see *Dolichos lablab*)
Bean, broad (see *Vicia faba*)
Bean, climbing (see *Phaseolus vulgaris*)
Bean, cluster (see *Cyamopsis tetragonoloba*)
Bean common mosaic virus
  in
    Aphis craccivora, transmission of 4792
    A. gossypii, transmission of 4792
    Myzus persicae, transmission of 4792
    Vigna unguiculata, in India 4792
Bean, field (see *Vicia faba*)
Bean, French (see *Phaseolus vulgaris*)
Bean leaf roll virus
  hosts of 4865
  in
    Acyrthosiphon pisum, transmission of 4864–4865
    Aphis fabae, transmission of 4864
    Megoura viciae, transmission of 4864
    Myzus persicae, transmission of 4864
Bean, Lima (see *Phaseolus lunatus*)
Bean, mung (see *Phaseolus mungo*)
Bean pod mottle virus, in, *Cerotoma trifurcata,* transmission of 1563
Bean, snap (see *Phaseolus vulgaris*)
Bean, soy (*see* Soy bean)
Bean (stored seeds), *Acanthoscelides obtectus* in, in Turkey 4486
Bean yellow stipple virus
  in
    Cerotoma ruficornis, transmission of 1566
    Diabrotica balteata, transmission of 1566
Beauveria
  in
    Ostrinia nubilalis, in Spain 4745
    Sesamia nonagrioides, in Spain 4745
Beauveria bassiana
  against
    Archips rosanus 3949
    Cydia funebrana 175
    C. pomonella 4291
    Dendroctonus micans 5178
    Galleria mellonella 1188
    Leptinotarsa decemlineata 3952
    Nematus ribesii 3949
    Ostrinia nubilalis 2453
    Sitophilus granarius 3571
  Bacillus subtilis antagonistic to 2891
  in
    Archips rosanus, in Lithuania 3950
    Diaprepes abbreviatus, infectivity of 3321
    Epinotia cedricida, in France 2902
    Harpalus rufipes, pathogenicity of 1573
    Leptinotarsa decemlineata
      development of infection with 2893
      effects of 4431
Beauveria bassiana *contd.*
  in *contd.*
    Leptinotarsa decemlineata contd.
      pathogenicity of 2902, 4430, 4432
    Milionia isodoxa, in Papua New Gui
      4395
    Nemocestes incomptus, pathogenicity
      3182
    orchard pests, in Lithuania 3948
    Plathypena scabra, in Iowa 148
    Pterostichus cupreus, pathogenicity o
      1573
  insecticides in, toxicity of 2440
  pesticides in, effects of 4969
  with *Bacillus thuringiensis,* against, *Sitophilus granarius* 3571
  with chlorinated pinene, against, *Leptinotarsa decemlineata* 3952
Beauveria rileyi
  in
    Anticarsia gemmatalis, in Florida 2
    Heliothis armigera 3928
Beauveria tenella
  formulations of 4895
  in
    Melolontha melolontha 3323
      in France 2435
      infectivity of 3886
bebedjaensis, Tibiomus
bechuana, Antestiopsis orbitalis
beckeri, Chrysocharis
beckeri, Trichogramma
beckeri, Xylotrupes gideon
beckii, Lepidosaphes
Bee bread, carbaryl in, residues of 4981
Bee hives
  Achroia grisella in, in Egypt 4397
  Galleria mellonella in, in Egypt 4397
Beech (see *Fagus* and *Nothofagus*)
Beef, diet component for, *Monomorium pharaonis* 4691
Beef extract, diet component for, *Trichogramma pretiosum* 4712
Beer, bait component for, Drosophilidae 4176
Bees
  carbaryl in, residues of 4981
  insecticides in, toxicity of 3712
  kelevan in, toxicity of 3574
  malathion in, toxicity of 4011
  method for feeding insecticides to 178
Bees, bumble, attraction of, to traps for *Popillia japonica* 4539
Bees, honey
  Acarapis woodi infesting, in Ukraine 2659
  attraction of, to traps for *Popillia japon*
    4539
  azinphos-methyl in, toxicity of 3410
  carbofuran in, toxicity of 2485
  endosulfan in, toxicity of 3410
  in insecticide-treated cotton-fields 363

- **Bees, honey** *contd.*
  - insecticides in, toxicity of 782
  - malathion in, toxicity of 3410
  - parasitised by
    - *Acarapis vagans,* in New Zealand 483
    - *Braula coeca,* in Armenia 473
  - phosalone in, toxicity of 1220
  - phosmet in, toxicity of 1220
  - pirimicarb in, toxicity of 3976
  - preyed on by
    - *Philanthus triangulus,* in Egypt 4211
    - *Vespa orientalis,* in Egypt 4210
  - trichlorphon in, toxicity of 1220
- **Beeswax,** diet component for, *Eurygaster integriceps* 2206
- **Beet** (*Beta vulgaris*)
  - *Atomaria linearis* on, in UK 1494
  - *Hymenia recurvalis* on, in New South Wales 3237
  - insect pests of, in India 1111
- **Beet mild yellowing virus**
  - in, *Myzus persicae,* transmission of 3868
  - not transmitted through seed 3868
- **Beet mosaic virus**
  - in
    - *Aphis fabae,* transmission of 1995
    - *Cryptomyzus ribis,* transmission of 3306
    - *Myzus persicae*
      - transmission of 5239
        - effects of oil on 3872
- **Beet, red,** herbicides in, effects of insecticides on metabolism of 1218
- **Beet yellows virus**
  - in
    - *Myzus persicae,* transmission of 4796
    - sugar-beet, resistance to 4796
- ***behmani, Mymar,*** (*Anaphes*)
- ***behrii, Etiella***
- **Belgium**
  - *Adelges tardus* in, on *Picea* 3613
  - *Aphis fabae* in, on leek 4868
  - Cerambycidae in, on *Picea* 2857
  - *Haplodiplosis equestris* in, on wheat 1408, 3679
  - *Hylemya brassicae* in, on cauliflower 1196, 2348, 3611
  - *Lepidosaphes ulmi* in, on apple 3246
  - *Limothrips cerealium* in, on wheat 3612
  - *Macrosiphum euphorbiae* in, on leek 4868
  - *Myzus persicae* in, on leek 4868
  - *Operophtera brumata* in, on apple 3246
  - *Panonychus ulmi* in, on apple 3246
  - *Psila rosae* in, on carrot 3608
  - *Psylla mali* in, on apple 3246
  - *Rhizoecus cacticans* in, on *Hedera canariensis* 1147
  - Siricidae in, natural enemies of 458
  - sugar-beet in, pests of 4344
  - Symphyta in, on *Picea* 222
- ***belina, Gonimbrasia,*** (*Nudaurelia*)
- **Belize** (formerly British Honduras)
  - *Aeneolamia postica* in, on sugar-cane 1030
  - *A. varia* in, on sugar-cane 1030
  - *Anastrepha ludens* in, on *Citrus* 183
- ***bellincus, Chrysocharis***
- ***Belvosia nigrifrons***
  - in El Salvador 1578
  - parasitising, *Rothschildia aroma,* in El Salvador 1578
- ***Bembex integra***
  - in France 1162
  - preying on
    - *Villa brunnea,* in France 1162
    - *V. velutina,* in France 1162
- ***Bembex zonata***
  - in France 1162
  - preying on
    - *Villa brunnea,* in France 1162
    - *V. velutina,* in France 1162
- **Bembidiinae,** in Poland 4057
- ***Bembidion femoratum,*** in Netherlands 3615
- ***Bembidion lampros,*** in Netherlands 3615
- ***Bembidion ustulatum,*** in Netherlands 3615
- ***Bemisia***
  - in Egypt 3
  - on cotton
    - damage caused by 4359
    - in Iran 4359
- ***Bemisia tabaci***
  - biology of 988, 1806
  - control of 1514
    - insecticides for 1131, 2832, 3251, 3771, 3785, 3789, 5145
  - cotton mosaic disease, causal agent in, transmission of 5167
  - descriptions of 939
  - distribution of 939
  - food-plants of 418, 939
  - immature stages of 1272
  - in Chad 5167
  - in Egypt 418, 988, 1003, 1131, 1526, 3771, 5145
  - in India 2081, 3251, 3785, 3789, 4807
  - in Mexico 1514
  - in Nigeria 4807
  - in Sudan 939, 2832
  - morphology of, effects of food-plant on 5
  - on cauliflower, in Egypt 1003
  - on cotton
    - in Chad 5167
    - in Haryana 3251, 3785
    - in Mexico 1514
    - in Rajasthan 3789
    - in Sudan 2832
  - on *Euphorbia,* in Egypt 1003
  - on *Lantana camara,* in Egypt 1003
  - on potato, in Egypt 1526
  - on *Sesamum indicum*
    - in India 4807
    - in Nigeria 4807

Bemisia tabaci *contd.*
  on squash, in Egypt 3771
  on sweet potato, in Egypt 1003
  on tomato, in Egypt 1003, 1131
  parasites of 988
  parasitised by
    Encarsia spp., in Egypt 1003
    Eretmocerus spp. 988
      in Egypt 1003
      in India 2081
  preyed on by
    Brumus spp., in Rajasthan 3789
    Chrysopa spp., in Rajasthan 3789
  sesame leaf-curl virus in
    in India 4807
    in Nigeria 4807
    transmission of 4807
  Sida cordifolia yellow vein mosaic virus in, transmission of 3310
  taxonomy of 939
Bena prasinana
  in USSR 2855
  on *Betula,* in USSR 2855
benefactor, Olesicampe
benefica, Eumicrosoma
Benlate (*see* Carbamic acid, [1-[(butylamino)carbonyl]-1*H*-benzimidazol-2-yl]-, methyl ester)
    4906
Benniseed (*see* Sesame)
benoisti, Myothyria (see *Ceracia mucronifera*)
Benomyl (*see* Carbamic acid, [1-[(butylamino)carbonyl]-1*H*-benzimidazol-2-yl]-, methyl ester)
    1006
    1020
    1819
    3744
    4532
    4969
    5115
Bentonite, in insecticidal dusts 2935
Bentox (*see* BHC (γ-isomer))
Benzaldehyde, methoxy-, *Psila rosae* oviposition stimulant 2817
Benzamide, 3,5-dichloro-*N*-(1,1-dimethyl-2-propynyl)-
  in plants
    effects of insecticides on metabolism of 1218
    effects on insecticide metabolism of 1219
Benzenamine, in pea, effects on aldrin metabolism of 1229
Benzenamine, 4-chloro-2-methyl-, in cotton, chlordimeform product 2951
Benzenamine, 2-methyl-
  in *Musca domestica,* oxidation of 3796
  in *Spodoptera littoralis,* oxidation of 3796
Benzenamine, 3-methyl-
  in *Musca domestica,* oxidation of 3796
  in *Spodoptera littoralis,* oxidation of 3796
Benzenamine, 4-methyl-
  in *Musca domestica,* oxidation of 2838, 3796
  in *Spodoptera littoralis,* oxidation of 2838, 3796
Benzene, as solvent for timber preservatives 4407
Benzene, 1-chloro-4-[[(4-chlorophenyl)methyl]thio]- (*see* Chlorbenside)
Benzene, 1-chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]- (*see o,p′*-DDE)
Benzene, 1-chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethyl]- (*see o,p′*-DDD)
Benzene, 1,1′-(chloroethenylidene)bis[4-chloro-, DDD product, at high pH 3979
Benzene, 1-chloro-4-(8-ethoxy-4,8-dimethyl-1-nonenyl)-
  in *Oncopeltus fasciatus,* JH activity of 4588
  in *Tenebrio molitor,* JH activity of 458
Benzene, 1,1′-(2-chloroethylidene)bis[4-chloro-, DDT product, in *Hydrogenomonas* 3980
Benzene, 1-chloro-4-[2,2,2-trichloro-1-(4-chlorophenoxy)ethyl]-, insecticidal activity of 3993
Benzene, 1-chloro-2-[2,2,2-trichloro-1-(4-chlorophenyl)ethyl]- (*see o,p′*-DDT)
Benzene, 1-chloro-4-[2,2,2-trichloro-1-(4-ethoxyphenoxy)ethyl]-, insecticidal activity of 3993
Benzene, 1-chloro-4-[2,2,2-trichloro-1-(4-methylphenyl)ethyl]-
  in *Estigmene acraea,* metabolism of 493
  in mice, metabolism of 4937
  in model ecosystem, biodegradability of 4937
Benzene, 1-chloro-4-[(2,4,5-trichlorophenyl)sulfonyl]- (*see* Tetradifon)
Benzene, 1-chloro-4-[(2,4,5-trichlorophenyl)thio]- (*see* Tetrasul)
Benzene, 1,4-dichloro-, against, *Achroia grisella* 5249
Benzene, 1,1′-(dichloroethenylidene)bis[4-chloro- (*see* DDE)
Benzene, 1,1′-(2,2-dichloroethylidene)bis[4-chloro- (*see* DDD)
Benzene, 1,1′-(2,2-dichloroethylidene)bis[4-ethyl- (*see* Ethyl-DDD)
Benzene, 1,2-dimethoxy-4-(1-propenyl)-, (*E* *Psila rosae* oviposition stimulant 2817
Benzene, 1,2-dimethoxy-4-(2-propenyl)-, attractant for, Tephritidae 4671

Benzene, ethenyl-
  homopolymer, *Coptotermes formosanus* damage to vesicular 1559
  polymer with 2-propenenitrile, termite resistance in wood-plastic composites containing 4409
Benzene, 1-ethoxy-4-[2,2,2-trichloro-1-(4-ethoxyphenoxy)ethyl]-, insecticidal activity of 3993
Benzene, 1-ethoxy-4-[2,2,2-trichloro-1-(4-methylphenyl)ethyl]-
  in *Estigmene acraea,* metabolism of 4937
  in mice, metabolism of 4937
  in model ecosystem, biodegradability of 4937
Benzene hexachloride (*see* BHC)
Benzene, hexachloro-, in wildlife, residues of 2955
Benzene, 2-(isothiocyanatoethyl)-, repellent for, *Hylemya floralis* 2573
Benzene, 1-methoxy-4-methyl-
  in *Musca domestica,* oxidation of 2838
  in *Spodoptera littoralis,* oxidation of 2838
Benzene, 1-methoxy-4-(1-propenyl)-
  attractant for, bees 4539
  with 2-methoxy-4-(2-propenyl)phenol, attractant for, bees 4539
Benzene, 1-methoxy-4-(2-propenyl)-, *Psila rosae* oviposition stimulant 2817
Benzene, 1-methoxy-4-[2,2,2-trichloro-1-[4-(methylthio)phenyl]ethyl]-
  in *Estigmene acraea,* metabolism of 4937
  in mice, metabolism of 4937
  in model ecosystem, biodegradability of 4937
Benzene, methyl-
  as solvent for timber preservatives 4407
  in *Musca domestica,* oxidation of 2838
  in *Spodoptera littoralis,* oxidation of 2838
Benzene, 1,1′-[methylenebis(oxy)]bis[4-chloro- (*see* Neotran)
Benzene, 1-methyl-2-nitro-
  in *Musca domestica,* oxidation of 3796
  in *Spodoptera littoralis,* oxidation of 3796
Benzene, 1-methyl-3-nitro-
  in *Musca domestica,* oxidation of 3796
  in *Spodoptera littoralis,* oxidation of 3796
Benzene, 1-methyl-4-nitro-
  in *Musca domestica,* oxidation of 2838, 3796
  in *Spodoptera littoralis,* oxidation of 2838, 3796
Benzene, 1,1′-(2,2,2-trichloroethylidene)bis[-4-chloro- (*see* DDT)
Benzene, 1,1′-(2,2,2-trichloroethylidene)bis[-4-methoxy- (*see* Methoxy-DDT)
Benzeneacetaldehyde, 4-chloro-α-hydroxy-, DDT product, in bacteria 3980
Benzeneacetic acid, in *Atta* secretions and fungus gardens 2247
Benzeneacetic acid, 4-bromo-α-(4-bromophenyl)-α-hydroxy-
  1-methylethyl ester (bromopropylate) against
    Acarapis woodi 2659
    Aceria sheldoni 587, 3744
    Panonychus ulmi 4774
    Phyllocoptruta oleivora 278
    Tetranychus urticae 1076
    T. viennensis 1085
Benzeneacetic acid, 4-chloro-
  DDT product, in *Hydrogenomonas* 3980
  in *Arthrobacter,* metabolism of 3980
Benzeneacetic acid, 4-chloro-α-(4-chlorophenyl)-α-hydroxy-
  ethyl ester (*see* Chlorobenzilate)
  1-methylethyl ester (*see* Chloropropylate)
Benzeneacetic acid, α-[(dimethoxyphosphinothioyl)thio]-
  ethyl ester (*see* Phenthoate)
  1-methylethyl ester, in rats, effects of impurities on toxicity of 2067
Benzeneacetic acid, 4-hydroxy-, in rats, metabolite of R-20458 4587
Benzeneacetic acid, α-(hydroxymethyl)-
  8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester, sulfate (2:1) (salt), *endo*-(±)-
    in fowls, antidote for fensulfothion poisoning 5255
    in rats, antidote for fensulfothion poisoning 5255
Benzeneacetonitrile, 2-chloro-α-[[(diethoxyphosphinothioyl)oxy]imino]- (*see* Chlorphoxim)
Benzeneacetonitrile, α-[[(diethoxyphosphinothioyl)oxy]imino]- (*see* Phoxim)
Benzeneacetonitrile, α-[[(diethoxyphosphinyl)thio]imino]-, phoxim photoproduct 5260
Benzenecarbohydrazonyl chloride, *N*-(2,4,6-trichlorophenyl)-, against, *Phyllocoptruta oleivora* 278
1,4-Benzenediamine, *N*-octyl-*N′*-phenyl-, antioxidant for, sex pheromones 4591
1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-
  in *Citrus,* effects on mites of 3744
  in entomopathogenic fungi, effects of 4969
1,2-Benzenediol, 4-(2-amino-1-hydroxyethyl)-
  (*R*)- (norepinephrine)
    in rat brain, accumulating after injection of chlordimeform 2057
Benzeneethanamine, 3,4-dihydroxy-
  in *Manduca sexta,* carrier proteins of 2997
  in *Schistocerca gregaria* nerve fibres 4093

Benzeneethanol, 4-chloro-α-[4-[2-(diethylamino)ethoxy]phenyl]-α-(4-methylphenyl)-
  in *Diatraea grandiosella,* inhibiting growth and development 4515
  in insects, effects on cholesterol production of 1727
Benzeneethanol, 2-nitro-, acetate (ester), with 2-methoxy-4-(2-propenyl)phenol, attractant for, *Popillia japonica* 2497
Benzenemethanamine, 4-chloro-*N*-(4-chlorophenyl)-α-(trichloromethyl)-, insecticidal activity of 3993
Benzenemethanamine, *N*-(4-chlorophenyl)-4-ethoxy-α-(trichloromethyl)-, insecticidal activity of 3993
Benzenemethanamine, *N*-(4-chlorophenyl)-4-methoxy-α-(trichloromethyl)-, insecticidal activity of 3993
Benzenemethanamine, 4-ethoxy-*N*-(4-ethoxyphenyl)-α-(trichloromethyl)-
  biodegradability of 3993
  insecticidal activity of 3993
Benzenemethanamine, 4-ethoxy-*N*-(4-methylphenyl)-α-(trichloromethyl)-, insecticidal activity of 3993
Benzenemethanamine, 4-methoxy-*N*-(4-methylphenyl)-α-(trichloromethyl)-, insecticidal activity of 3993
Benzenemethanol, 4-chloro-α-(4-chlorophenyl)-α-cyclopropyl-
  in apples, residues of 2487
  in mice, residues of 2487
  in oranges, residues of 2487
  in pears, residues of 2487
  in rats, residues of 2487
Benzenemethanol, 4-chloro-α-(4-chlorophenyl)-α-methyl- (*see* Chlorfenethol)
Benzenemethanol, 4-chloro-α-(4-chlorophenyl)-α-(trichloromethyl)- (*see* Dicofol)
Benzenemethanol, α-methyl-3-[[(methylamino)carbonyl]oxy]-α-propyl-, in soil, Bux metabolite 2930
Benzenemethanol, 2,4,5-trichloro-α-methyl-, in cattle, tetrachlorvinphos metabolite 2923
Benzenepropanoic acid, α-amino-, (*S*)- (*see* L-Phenylalanine)
Benzenepropanoic acid, α-amino-4-hydroxy-, (*S*)- (*see* L-Tyrosine)
Benzenesulfonic acid, 4-chloro-, 4-chlorophenyl ester (*see* Chlorfenson)
1*H*-Benzimidazole-1-carboxylic acid, 5,6-dichloro-2-(trifluoromethyl)-, phenyl ester (*see* Fenazaflor)
1*H*-benzimidazole, 5,6-dichloro-2-(trifluoromethyl)-
  in soil
    determination of 1225, 1624
    fenazaflor product 1225
1*H*-Benzocyclohepten-7-ol, 2,3,4,4a,5,6,7,8-octahydro-1,1,4a,7-tetramethyl-, *cis-, Ceratomegilla maculata* oviposition responses to 914
4*H*-1,3,2-benzodioxaphosphorin, 2-methoxy- 2-sulfide
  against
    Canephora asiatica 3396
    Cryptothelea formosicola 3396
    C. minuscula 3396
4*H*-1,3,2-benzodioxaphosphorin, 2-phenyl-, 2-oxide, synergist for, malathion 3401
1,3-Benzodioxole, 5-[bis[2-(2-butoxyethoxy)ethoxy]methyl]-
  in rats
    increasing toxicity of pyrethrins 2489
    toxicity of 2489
1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl- (*see* Piperonyl butoxide)
1,3-Benzodioxole, 5-[(3,7-dimethyl-2,6-octadienyl)oxy]-, (*E*)-, sterilant for, *Heliothis virescens* 2018
1,3-Benzodioxole, 5-[[5-(3,3-dimethyloxiranyl)-3-ethyl-2-pentenyl]oxy]-, in *Adoxophyes orana,* JH activity of 2561
1,3-Benzodioxole, 5-[6-(3,3-dimethyloxiranyl)-4-methyl-1-hexenyl]-
  in *Oncopeltus fasciatus,* JH activity of 4588
  in *Tenebrio molitor,* JH activity of 4588
1,3-Benzodioxole, 5-[6-(3,3-dimethyloxiranyl)-4-methylhexyl]-
  in *Oncopeltus fasciatus,* JH activity of 4588
  in *Tenebrio molitor,* JH activity of 4588
1,3-Benzodioxole, 5-[[5-(3,3-dimethyloxiranyl)-3-methyl-2-pentenyl]oxy]-
  in *Adoxophyes orana,* JH activity of 2561
  in *Caryedon serratus,* JH activity of 1730
  in *Ephestia cautella,* JH activity of 2043
  in *Heliothis armigera,* JH activity of 2043
  in *Sitophilus zeamais,* JH activity of 2043
  in *Thermobia domestica,* effects of 2127
  in *Trogoderma granarium,* JH activity of 1730
  with ecdysterone, in *Tenebrio molitor,* inhibiting development 4101
1,3-Benzodioxole, 5-[[3-ethyl-5-(3-ethyl-3-methyloxiranyl)-2-pentenyl]oxy]-
  against
    Draeculacephala crassicornis 4986
    Ostrinia nubilalis 3681
  in *Galleria mellonella,* JH activity and metabolic stability of 1290

1,3-Benzodioxole, 5-[[3-ethyl-5-(3-ethyl-3-methyloxiranyl)-2-pentenyl]oxy]- *contd.*
- in *Tenebrio molitor*
  - JH activity and metabolic stability of 1290
  - morphogenetic effects of 2957
- with ecdysterone, in *Tenebrio molitor,* morphogenetic effects of 2957

1,3-Benzodioxole, 5-[[5-(3-ethyl-3-methyloxiranyl)-3-methyl-2-pentenyl]oxy]-
- (*E*)- (Ro 20-3600)
  - against
    - *Acyrthosiphon pisum* 1588
    - *Amphorophora agathonica* 1588
    - *Ostrinia nubilalis* 3681
  - in maize, toxicity of 3681
  - in *Pieris rapae,* effects on *Apanteles* parasite of 474

1,3-Benzodioxole, 5-[2-(octylsulfinyl)propyl]- (*see* Sulfoxide)

3,7-Benzofurandiol, 2,3-dihydro-2,2-dimethyl-
- 7-(methylcarbamate)
  - in *Lumbricus terrestris,* carbofuran metabolite 4963
  - in tobacco, carbofuran metabolite 2929

7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate (*see* Carbofuran)

3(2*H*)-benzofuranone, 2,2-dimethyl-7-[[(methylamino)carbonyl]oxy]-, carbofuran metabolite, in tobacco 2929

Benzoic acid
- sodium salt
  - against
    - *Attagenus megatoma* 4514
    - *Tribolium confusum* 267
    - *Trogoderma variabile* 4514
  - diet component for, *Xyleborus ferrugineus* 1358

Benzoic acid, 2-(acetyloxy)-
- in rats
  - increasing toxicity of pyrethrins 2489
  - toxicity of 2489

Benzoic acid, 3-amino-2,5-dichloro-, in plants, effects of insecticides on metabolism of 1218

Benzoic acid, 2-amino-, methyl ester, in *Camponotus* mandibular gland secretion 3112

Benzoic acid, 2-[(aminomethoxyphosphinothioyl)oxy]-, 1-methylethyl ester, against, pests of cotton 1515

Benzoic acid, 4-[(2-amino-1-oxopropyl)(2,2-dimethyl-1-oxopropyl)amino]-, ethyl ester, (*S*)-, against, *Dysdercus cingulatus* 4522

Benzoic acid, 4-[[[3-(2-chloro-1-propenyl)-2,2-dimethylcyclopropyl]carbonyl]oxy]-, methyl ester, juvenile hormone activity related to structure of 2562

Benzoic acid, 3,6-dichloro-2-methoxy-
- in plants
  - effects of insecticides on metabolism of 1218
  - effects on insecticide metabolism of 1219

Benzoic acid, 3,4-dihydroxy-, *Ceratomegilla maculata* oviposition responses to 914

Benzoic acid, 4-[[[2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropyl]carbonyl]oxy]-
- ethyl ester, *cis*-(±)-, juvenile hormone activity related to structure of 2562
- ethyl ester, *trans*-(±)-, juvenile hormone activity related to structure of 2562
- methyl ester, *cis*-(±)-, juvenile hormone activity related to structure of 2562
- methyl ester, *trans*-(±)-, juvenile hormone activity related to structure of 2562

Benzoic acid, 2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]-
- 1-methylethyl ester (isofenphos)
  - against, *Hylemya brassicae* 4804

Benzoic acid, 2-hydroxy-
- *Ceratomegilla maculata* oviposition responses to 914
- methyl ester, against, *Acarapis woodi* 937

Benzoic acid, 4-hydroxy-
- in rats, metabolite of R-20458 4587
- heptyl ester
  - against
    - *Attagenus megatoma* 4514
    - *Trogoderma variabile* 4514
- methyl ester
  - against
    - *Attagenus megatoma* 4514
    - *Tribolium confusum* 267
    - *Trogoderma variabile* 4514
  - diet component for
    - *Chilo auricilius* 4094
    - *Dacus oleae* 5047
    - *Heliothis armigera* 4655
    - *Hypera postica* 4661
    - *Lobesia botrana* 32
    - *Pieris brassicae,* not affecting granulosis infection 3894
    - *Popillia japonica* 4660
    - *Sesamia nonagrioides* 3556
    - *Spodoptera littoralis* 1790
    - *Zeiraphera diniana* 1159
  - in rearing media, determination of 4645
- propyl ester
  - against
    - *Attagenus megatoma* 4514
    - *Trogoderma variabile* 4514

Benzoic acid, 2-hydroxy-6-methyl-, methyl ester, in *Camponotus* mandibular gland secretion 3112

Benzoic acid, 4-[(2,3,6,7-tetrahydroxy-3,7-dimethyloctyl)oxy]-, in rats, metabolite of R-20458 4587

Benzoic acid, 3,4,5-trihydroxy-
- in *Citrus,* effects on mites of 3744
- propyl ester, against, *Tribolium confusum* 267

Benzophosphate (*see* Phosalone)

2*H*-1-Benzopyran-2-one, in soil, microbial product of naphthol 2075

2*H*-1-Benzopyran-2-one, 6-(β-D-glucopyranosyloxy)-7-hydroxy-, stimulating water uptake in Heteroptera 5261

Benzoquinone (*see* 2,5-Cyclohexadiene-1,4-dione)

Benzo[*b*]thiophene-4-ol
- methylcarbamate
  - against
    - *Euxoa messoria* 4920
    - *Myzus persicae* 5152
  - in potato, no ill effects from 5152

Ber (see *Ziziphus jujuba*)

berberidis, Liosomaphis

Berberis, Cecidomyiidi on, in Soviet Far East 3282

Berberisomyia, gen. n., description of 3282

Bergoldiavirus
- in
  - *Cydia pomonella*
    - in Georgia (USSR) 3189
    - in USSR 1183

Bergoldiavirus dendrolimus, in, *Dendrolimus superans,* in USSR 1183

Bergoldiavirus dioryctria, in, *Dioryctria abietella,* in USSR 1183

berlesei, Caloglyphus

berlesei, Prospaltella

Berseem (see *Trifolium alexandrinum*)

Bessa fugax, morphology of 2098

Bessa harveyi
- host preferences of 2098
- in Canada 459
- morphology of 2098
- parasitising
  - *Pristiphora erichsonii*
    - in Manitoba 459
    - in North America 2098

Bessa selecta, host preferences of 2098

Besserioides sexualis, taxonomy of, synonym of *B. varicolor* 2501

Besserioides varicolor
- in Australia 2501
- taxonomy of, *Besserioides sexualis* as synonym of 2501

Bestiola mira
- in USSR 1530
- parasitising, *Odonaspis secreta,* in Georgia (USSR) 1530

Beta vulgaris (see Beet)

Beta vulgaris* var. *saccharifera (see Sugar-beet)

betae, Pegomya

Betasyrphus
- aggressive behaviour of ants towards 4213
- preying on, aphids, in Kenya 4213

Betasyrphus adligatus (see also *Syrphus adligatus*)
- in South Africa 601
- prey specificity in 3664
- preying on, aphids, in South Africa 601

Betula
- aphids on, in Denmark 2865
- *Coleophora serratella* on, in Canada 4051
- *Fenusa pusilla* on, in Canada 4051
- insects on
  - damage caused by 2855, 4375
  - in USSR 2855
- pests of, in USSR 4375
- *Rheumaptera hastata* on, in North America 296
- *R. subhastata* on, in North America 29

Betula pubescens
- *Epirrita autumnata* on, in Fennoscandia 2385
- *Operophtera brumata* on, in Fennoscandi 2385
- *O. fagata* on, in Fennoscandia 2385

betularia, Biston

BHA (*see* Phenol, 2-(1,1-dimethylethyl)-4-methoxy-)

BHC (1,2,3,4,5,6-hexachlorocyclohexane)
- against
  - *Anomala marginipennis* 543
  - *Aulacophora atripennis* 2055
  - *A. foveicollis* 1485, 2055
  - *Chilo suppressalis* 2730
  - *Dendroctonus frontalis* 4957
  - *Dicladispa armigera* 4265
  - *Gonocephalum pusillum* 622
  - *Henosepilachna vigintioctopunctata* 1228
  - *Hylemya floralis* 602
  - *Laodelphax striatella* 2730
  - *Lethrus brachiicollis* 2364
  - *Leucopholis coneophora* 543
  - *Nephotettix cincticeps* 2730
  - *Nilaparvata lugens* 2730
  - *Nomadacris septemfasciata* 432
  - *Odontotermes obesus* 620
  - *Oebalus poecilus* 2298
  - *Opatrum sabulosum* 622
  - *Ophiomyia phaseoli* 613
  - *Oryzaephilus surinamensis* 4403
  - *Pedinus femoralis* 622
  - pests of jute 2839
  - pests of *Papaver somniferum* 2702
  - pests of rice 4263
  - *Pissodes strobi* 3999
  - *Polyphylla irrorata* 1023
  - *Sogatella furcifera* 2730
  - *Tanymecus dilaticollis* 2293, 3931
  - *Xestia c-nigrum* 4188

BHC *contd.*
  against *contd.*
    Xylosandrus compactus 654
    Xylotrechus quadripes 654
  determination of 292
  FAO specifications for 796
  in apple, effects of 167
  in coffee, effects of 654, 4018
  in groundnut, residues of 4534
  in sarson, residues of 5256
  in soil, effects on fertilizers of 2042
  in water, residues of 2495
  resistance to, in
    Mahanarva posticata, in Brazil 2286
    Tanymecus dilaticollis, in Romania 3931
  with DDT
    against
      Amrasca devastans 3259
      Earias insulana 3259
      E. vittella 3259
      Lethrus brachiicollis 2364
      Pachytychius hordei 4437
      Pectinophora gossypiella 3259
      pests of cotton 1140, 3785, 4506
  with phorate, against, pests of rice 4263
BHC (α-isomer) ((1α,2α,3β,4α,5β,6β)-1,2,3,4,5,6-hexachlorocyclohexane)
  in man, residues of 2073
  in milk, residues of 1222
  in *Pseudomonas putida,* produced from γ-isomer 3416
  in rice straw, residues of 3698
  in soil, residues of 3698
  in stored rice, residues of 3698
  in water, residues of 3415
BHC (β-isomer) ((1α,2β,3α,4β,5α,6β)-1,2,3,4,5,6-hexachlorocyclohexane)
  in man, residues of 2073
  in milk, residues of 1222
  in rice straw, residues of 3698
  in soil, residues of 3698
  in stored rice, residues of 3698
BHC (γ-isomer) ((1α,2α,3β,4α,5α,6β)-1,2,3,4,5,6-hexachlorocyclohexane)
  against
    Acarus siro 1606
    Adelges tardus 3613
    Aelia rostrata 4521
    Agrotis ipsilon 1371, 2837, 4448
    Anacanthotermes ochraceus 3862
    Anthonomus pomorum 3734
    Athalia lugens 2808
    Atherigona simplex 4740
    Bagrada hilaris 2808
    Bissetia steniella 493
    Blaniulus guttulatus 2637
    Caliothrips indicus 1917, 3233
    Callosobruchus analis 4402
    Ceratitis capitata 2933
    Chilo agamemnon 2294
    C. partellus 132

BHC (γ-isomer) *contd.*
  against *contd.*
    Chilo contd.
    C. suppressalis 2471
    Cnaphalocrocis medinalis 3168
    Cylas formicarius 4802
    Dicladispa armigera 4265
    Drosophila melanogaster 2933, 3996
    Etiella zinckenella 1120
    Glycyphagus destructor 1606
    grasshoppers 982
    Henosepilachna vigintioctopunctata 3780
    Hoplocampa testudinea 4294
    Hyadaphis erysimi 2349, 2808, 3770
    Hydrellia philippina 523–524
    Hylemya brassicae 598
    Hypera postica 1443
    Hyphantria cunea 156
    Ips pini 4392
    Lachnosterna spp. 653
    Leptinotarsa decemlineata 626, 3573
    Leucinodes orbonalis 4349
    Lipaphis erysimi 4786
    Liriomyza sativae 3772
    Megastigmus spermotrophus 2397
    Myzus persicae 1458
    Nephotettix cincticeps 1200
    Nezara viridula 4750
    Nycteola asiatica 2870
    Odontotermes obesus 620
    Omphisa anastomosalis 4802
    Papilio demoleus 1472
    pests of apple 1087
    pests of lucerne 3708
    pests of rice 4263
    pests of stored grain 5209
    Phytomyza horticola 1120, 4335
    Pissodes strobi 3999
    Plutella xylostella 598
    Psammotermes fuscofemoralis 3862
    Sahlbergella singularis 2917
    Scrobipalpa ocellatella 623
    Silpha opaca 598
    Sitona callosus 149
    Spodoptera littoralis 645, 763, 1929
    S. litura 2935
    Tanymecus dilaticollis 1410
    Tasmanodesmus spp. 2637
    Tenebroides mauritanicus 4592
    Thrips tabaci 1137, 1202, 2835
    Tryporyza incertulas 524
    Tyrophagus putrescentiae 1606
    vectors of blue stain fungi 3285
  FAO specifications for 789
  formulations of 2808, 2935
  fumigant for, stored products 764
  in barley, residues of 4971
  in *Beauveria bassiana,* toxicity of 2440
  in cacao plantations, non-target effects of 5171
  in cauliflower, residues of 5253

BHC (γ-isomer) *contd.*
  in celery, residues of 5253
  in *Encarsia formosa,* effects of 1020
  in *Entomophthora,* toxicity of 2440
  in forests, effects on birds of 3407
  in fowls, residues of 2046
  in leek, residues of 5253
  in *Lycosa pseudoannulata,* toxicity of 2734
  in man, residues of 2073, 2934
  in *Menochilus sexmaculatus,* toxicity of 2470
  in *Metarhizium anisopliae,* toxicity of 2440
  in milk, residues of 1222
  in oats, residues of 4971
  in orchards, effects on birds of 3406
  in pea
    effects of 4020
    translocation of 4010
    uptake of 4010
  in *Philonthus fuscipennis,* toxicity of 1502
  in *Pimpla naranyae,* toxicity of 2296
  in plant material, bioassay for 4174
  in *Pseudomonas putida,* converted to α-isomer 3416
  in rats, effects on liver of 5258
  in rice straw, residues of 3698
  in soil
    leaching of 4025
    residues of 3698
  in spinach, residues of 5253
  in sprays, drift resulting from 2956
  in stored rice, residues of 3698
  in *Tachyporus hypnorum,* toxicity of 1502
  in termites, effects on gut symbionts of 2272
  in *Trifolium alexandrinum,* effects of 4014
  in *Vicia faba,* effects of 4014
  in water, residues of 3415
  in wheat
    residues of 4971
    toxicity of 4441, 4740
  in wildlife, residues of 2955
  resistance to, in
    Acarus siro, in UK 2458
    Cosmopolites sordidus, in New South Wales 4782
    Leptinotarsa decemlineata, in Austria 2036
    Oryzaephilus mercator 3391
  with carbaryl
    against
      Hydrellia philippina 523–524
      pests of rice 4262–4263
      Tryporyza incertulas 524
  with DDT
    against
      Aelia rostrata 4521

BHC (γ-isomer) *contd.*
  with DDT *contd.*
    against *contd.*
      Hyphantria cunea 156
      Iridomyrmex humilis 4214
      Meligethes aeneus 762
      Podagrica spp. 1522
      Trialeurodes vaporariorum 4954
  with DDT and dichlorvos, against, *Lasius brunneus* 3110
  with DDT, and methoxy-DDT, against, *Leptinotarsa decemlineata* 627
  with DDT, and sulfur, against, *Spodoptera littoralis* 3777
  with endosulfan, against, *Pegomya betae* 3929
  with fertilisers 626
  with malathion, against, *Megastigmus spermotrophus* 2397
  with phorate
    against
      Hydrellia philippina 524
      Tryporyza incertulas 524
BHC (δ-isomer) ((1α,2α,3α,4β,5α,6β)-1,2,3,4,5,6-hexachlorocyclohexane)
  in rice straw, residues of 3698
  in soil, residues of 3698
  in stored rice, residues of 3698
Bheria (see *Chloroxylon swietenia*)
Bhindi (*see* Okra)
BHT (*see* Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-)
Bi 58 (*see* Dimethoate)
bicarinata, Prosierola
bicincta, Prosapia
bicolor, Archenomus
bicolor, Callitula
bicolor, Leiobunum
bicolor, Metriona
bicolor, Nupserha
bicolor, Obrium
bicolorata, Semiothisa
bicoloria, Leucodonta
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- (β-pinene)
  effects of, on, *Aradus cinnamomeus* 2499
  in bacteria, effects of 4873
  Ips typographus responses to 1973
  homopolymer, adjuvant for carbaryl formulations 1623
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl- (fenchone)
  in bacteria, effects of 4873
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (camphor)
  against, *Callosobruchus chinensis* 3986
  in *Pinus* timber, attractant for termites 1021
Bicyclo[3.1.1]heptan-3-one, 6,6-dimethyl-2-methylene- (pinocarvone)
  in *Dendroctonus frontalis* 4576

Bicyclo[2.2.1]hept-5-ene-2,3-dimethanol, 1,4,5,6,7,7-hexachloro-, UV-irradiation product of endosulfan 2059
Bicyclo[3.1.1]hept-2-ene-2-methanol, 6,6-dimethyl- (myrtenol)
  in *Dendroctonus frontalis* 4576
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- (α-pinene)
  effects of, on, *Aradus cinnamomeus* 2499
  in bacteria, effects of 4873
  Ips typographus responses to 1973
  with 1,5-dimethyl-6,8-dioxabicyclo[3.2.1]octane
    attractant for
      Dendroctonus frontalis 1955–1956
      D. rufipennis 4848
  chlorinated
    against
      Leptinotarsa decemlineata 3952
      Xestia c-nigrum 4188
    with *Beauveria bassiana,* against, *Leptinotarsa decemlineata* 3952
Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl- (3-carene)
  effects of, on, *Aradus cinnamomeus* 2499
  Ips typographus responses to 1973
Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-, (1α,2α,5α)-, *Dendroctonus ponderosae* responses to 3837
Bicyclo[3.1.1]hept-3-en-2-one, 4,6,6-trimethyl- (verbonone)
  in *Dendroctonus frontalis* 4576
    functions of 1732
Bicyclo[3.1.0]hexan-3-one, 4-methyl-1-(1-methylethyl)-
  [1*S*-(1α,4α,5α)]- (thujone)
    in bacteria, effects of 4873
Bi-2,4-cyclopentadien-1-yl, 1,1′,2,2′,3,3′,4,4′,5,5′-decachloro- (dienochlor)
  against, *Tetranychus urticae* 2848
bidens, Meligethes
bidens, Picromerus
Bidrin (*see* Dicrotophos)
biennis, Choristoneura
bifasciata, Comperiella
bifasciatum, Rhagium
bifasciatus, Anastatus
bifasciatus, Rhopaloscelis
bifasciatus, Syrphus
bifurcata, Spinibdella
bigella, Euzophera
Bigonicheta, taxonomy of, synonym of *Triarthria* 4995
biguttula, Temelucha, (*Cremastus*)
bilineatus, Rhynchophorus
biloba, Autographa
Biloba subsecivella (see also *Stomopteryx subsecivella*)
  control of, insecticides for 2813
  in India 2813, 4338
Biloba subsecivella *contd.*
  on *Phaseolus aureus*
    damage caused by 2813
    in Delhi 2813
  on soy bean, in Madhya Pradesh 4338
bilobum, Hysteropterum
bimacula, Brachyunguis
bimaculata, Cicadulina
bimaculatus, Gryllus
bimaculatus, Tetranychus (see *T. urticae*)
bimarginatus, Glyphonyx
Binapacryl (2-(1-methylpropyl)-4,6-dinitrophenyl 3-methyl-2-butenoate)
  against
    Aceria sheldoni 4476
    Brevipalpus californicus 3214
    Cenopalpus pulcher 3192
    Oligonychus indicus 4527
    Tenuipalpus punicae 2788
    Tetranychus urticae 274, 784, 1076, 3811
    T. viennensis 1085
  in entomopathogenic fungi, effects of 4969
  in orchards, effects on birds of 3406
  in *Stethorus nigripes,* toxicity of 4532
  resistance to, in, *Tetranychus urticae,* mechanism of 2063
[2,2′-Binaphthalene]-8,8′-dicarboxaldehyde, 1,1′,6,6′,7,7′-hexahydroxy-3,3′-dimethyl-5,5′-bis(1-methylethyl)-
  in cotton
    effects on insect susceptibility of absence of 4364
    not related to resistance to *Tetranychus urticae* 1134
  in cotton-seed oil for use as protein source 4806
  stimulating feeding in *Dysdercus koenigii* 5261
Bioallethrin (*see* Allethrin, (1*R-trans*)-)
S-Bioallethrin (*see* Allethrin, [1*R*-[1α(*S**),3β]]-)
Biochemical systematics 2971
bioculatus, Perilloides, (*Perillus*)
Bioethanomethrin (*see* Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-)
  3994
Biofilm, surfactant for, benomyl formulations 4000
biolleyi, Procollina
Biological control 2452
  of arthropods (*see also* Sterile-insect release *and* individual pathogens)
    2451
    3366
    Adelges spp. 2674
    Adoxophyes orana 4888
    Aeneolamia selecta 496

Biological control *contd.*
  of arthropods *contd.*
    Alabama argillacea 1928, 4502
    Aleurodicus cocois 1887
    Aleurothrixus floccosus 576, 4225
    Amblypelta cocophaga 4765
    Anuraphis bakeri 1255
    Aonidiella aurantii 460, 1586, 4780–4781
    Aulacaspis tegalensis 1402
    Axiagastus cambelli 4765
    Bathycoelia thalassina 4824
    Brontispa longissima 3652, 4765
    Cedrobium laportei 1255
    Chilo infuscatellus 2025
    C. sacchariphagus 2025, 5231
    Chromaphis juglandicola 1455
    Cydia pomonella 4291
    Dacus oleae 1396
    Diatraea impersonatella 3064
    D. saccharalis 2260, 2284, 3064
    Eulecanium bituberculatum 5121
    forest pests 843, 1013, 4852
    Heliothis spp. 1507, 1510
    H. stombleri 4352
    H. virescens 1928, 4352
    H. zea 1928, 4352, 4502
    Hyphantria cunea 3643
    Icerya purchasi 1883, 3650
    Lymantria dispar 2672, 5179
    Maconellicoccus hirsutus 4144
    Macrosiphum rosae 4914
    Myzus persicae 4914
    Neodiprion sertifer 1395
    Ophiomyia phaseoli 1666
    Oryctes rhinoceros 4765
    Ostrinia nubilalis 3145
    Oulema melanopus 5071
    Panonychus ulmi 2779
    Parlatoria blanchardii 2311
    Pectinophora gossypiella 477, 1523, 2024, 3927
    Planococcus kenyae 3650
    P. kraunhiae 1015
    Plodia interpunctella 4713
    Pseudaulacaspis pentagona 1883
    Pseudococcus comstocki 1883
    P. fragilis 1883
    Quadraspidiotus perniciosus 1883
    Rhyacionia buoliana 813
    Sacadodes pyralis 1928
    Saccharicoccus sacchari 4247
    Sesamia inferens 2025
    Sirex imperialis 2863
    S. noctilio 4238
    Tephritidae 5231
    Tetranychus urticae 2635, 3226, 3579, 4917
    Thosea sinensis 4144
    Trialeurodes vaporariorum 1883
    policy and procedures for 2026

Biological control *contd.*
  of arthropods *contd.*
    statistical techniques for use with entomophagous insects 1779
  of plants
    Alternanthera philoxeroides 1862
    Ambrosia artemisiifolia 1026, 3146, 4240
    A. psilostachya 4240
    A. trifida 3146
    Baccharis halimifolia 2701
    Calystegia sepium 5075
    Chondrilla juncea 3672, 5087
    Convolvulus arvensis 5075
    Cyperus esculentus 4649
    Eupatorium odoratum 3673
    Hakea spp. 1027
    Hypericum perforatum 1027
    Lantana camara 1027, 4241
    Opuntia spp. 1027, 2700, 3650
    Rumex obtusifolius 2277
    Salvia aethiopis 488
    Senecio jacobaea 489, 1400
    Striga spp. 5076
    Tribulus cistoides 4144
    Xanthium strumarium 4242
Bioresmethrin ([5-(phenylmethyl)-3-furanyl]methyl (1*R*-*trans*)-2,2-dimethyl-3 (2-methyl-1-propenyl)cyclopropanecarboxylate)
  against
    Anthonomus grandis 771
    Ennomos subsignarius 1538
    grasshoppers 3632
    Heliothis virescens 771
    Hemerocampa pseudotsugata 3994
    Lymantria dispar 1538
    Musca domestica 5242
    Phaedon cochleariae 5242
    Sitophilus granarius 3400
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
    Trialeurodes vaporariorum 4954
    Tribolium castaneum 3400
  selective toxicity of 4537
  synergists for, piperonyl butoxide as 3400
Biospore 2802 (see *Bacillus thuringiensis*)
Biosteres, in Ethiopia 1262
Biosteres fullawayi, in USA (Hawaii) 366
Biothion (*see* Phosphorothioic acid, *O,O′*-(thiodi-4,1-phenylene) *O,O,O′,O′*-tetramethyl ester)
  4920
Biotin
  in *Anthonomus grandis*, dietary requirement for 3558
  in *Citrus*, effects on mites of 3744
  in *Dermestes maculatus*, effects on reproduction of 1710

Biotin *contd.*
  in *Itoplectis conquisitor,* dietary requirement for 350
Biotrol BTB (see *Bacillus thuringiensis* var. *thuringiensis*)
Biotrol BTB-183 (see *Bacillus thuringiensis* var. *thuringiensis*)
Biotrol BTB 25-W (see *Bacillus thuringiensis*)
Biotrol VHZ (see *Heliothis* nuclear polyhedrosis virus)
[1,1′-biphenyl]-4-acetic acid
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
  2-fluoroethyl ester (*see* Fluenetil)
[1,1′-biphenyl]-3-carboxamide, 5-chloro-*N*-(2-chloro-4-nitrophenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 5-chloro-*N*-(2,5-dichlorophenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 5-chloro-*N*-(3,4-dichlorophenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 5-chloro-2-hydroxy-*N*-(2,4,5-trichlorophenyl)-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(4-chlorophenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(2,5-dichlorophenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
[1,1′-biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(2,5-dichlorophenyl)-2-hydroxy- *contd.*
  against *contd.*
    Spodoptera contd.
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(4-fluoro-2-methylphenyl)-2-hydroxy-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3-carboxamide, 4′,5-dichloro-2-hydroxy-*N*-(2,4,5-trichlorophenyl)-
  against
    Anthonomus grandis 771
    Heliothis virescens 771
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
[1,1′-biphenyl]-3,4-diol
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
[1,1′-biphenyl]-4,4′-diol
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
[1,1′-biphenyl]-2-ol
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
[1,1′-biphenyl]-4-ol
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
1,1′-Biphenyl
  fluenetil metabolite
    in mice 3467
    in *Tetranychus urticae* 3467
  chlorinated, in estuarine molluscs, residues of 4975
bipindensis, Trischnaspis, (*Ischnaspis*)
biplaga, Earias
bipunctata, Adalia
bipunctella, Cicadulina
bipustulata, Aleochara
bipustulatus, Chilocorus
4,4′-Bipyridinium, 1,1′-dimethyl-
  dichloride
    in *Amblyseius fallacis,* toxicity of 2327
    in *Tetranychus urticae,* toxicity of 2327
Birch (see *Betula*)
Birdiavirus, in, *Trichiocampus viminalis,* in USSR 1183
Birdiavirus diprionis
  in
    Diprion similis, in USSR 1183
    Neodiprion sertifer, in USSR 1183

Birds
  control of, repellents for 5089
  on maize, in West Germany 5089
Birds-foot trefoil (see *Lotus corniculatus*)
Birds' nests, extraction of arthropods from 413
Birlane (*see* Chlorfenvinphos)
Biruga, taxonomy of 4555
Biruga chariclo
  sp. n., description of 4555
  in Mexico 4555
  on *Chamaedorea,* in Mexico 4555
bisignata, Meigenia
Bisoaniavirus leucodontae, in, *Leucodonta bicoloria,* in USSR 1183
bisselliella, Tineola
Bissetia steniella
  control of, insecticides for 493
  in India 493
  on sugar-cane, in Himachal Pradesh 493
bistigmosa, Illeis
Biston betularia
  in USSR 2855
  on *Betula,* in USSR 2855
Biston suppressaria (see *Buzura*)
bituberculata, Atherigona (see *A. simplex*)
bituberculatum, Eulecanium, (*Palaeolecanium*)
bivittatus, Melanoplus
Black currant (*see* Currant, black)
Blackberry
  Aceria essigi on, in West Germany 3183
  Metallus pumilus on, in Netherlands 2313
blackburni, Chelonus
Blackthorn (see *Prunus spinosa*)
Bladafum II (*see* Sulfotep)
blancardella, Phyllonorycter, (*Lithocolletis*)
blanchardii, Parlatoria
Blaniulus guttulatus
  biology of 2637
  control of, insecticides for 2637
  in Australia 2637
Blaps halophila
  in USSR 622
  on sugar-beet, in USSR 622
Blaps lethifera
  in USSR 622
  on sugar-beet, in USSR 622
Blaptostethus piceus pallescens
  biology of 3648
  in Egypt 129, 3648
  preying on
    pests of maize, in Egypt 3648
    Pyroderces simplex, in Egypt 129
Blarina brevicauda, DDT in, residues of 4980
Blasticotomidae, in USSR 2250
Blastophaga esterae
  in Costa Rica 2649
  pollinating
    Ficus costaricana, in Costa Rica 2649
Blastophaga esterae *contd.*
  pollinating *contd.*
    Ficus contd.
    F. hemsleyana, in Costa Rica 2649
Blastophaga tonduzi
  in Costa Rica 2649
  pollinating
    Ficus costaricana, in Costa Rica 2649
    F. hemsleyana, in Costa Rica 2649
Blastophagus destruens (see *Myelophilus*)
Blastophagus minor (see *Myelophilus*)
Blastophagus piniperda (see *Myelophilus*)
Blastothrix britannica meridionalis, reproductive system in 4098
Blastothrix britannica turanica
  in USSR 572
  parasitising, *Rhodococcus turanicus,* in Kazakhstan 572
Blastothrix confusa
  biology of 3741
  in Czechoslovakia 3741
  intraspecific forms of 470
  parasites of, in Czechoslovakia 3741
  parasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  reproductive system in 4098
  seasonal forms of 471
Blattella germanica
  development in, effects of azasteroids on 1604
  juvenile hormone analogues in
    activity of 2562
    effects of 1605
Blattisocius keegani (see *Melichares*)
Blattisocius tarsalis (see *Melichares*)
Blepharida dorothea
  biology of 5051
  in North America 5051
Blepharida rhois, in North America 5051
Blepharidopterus angulatus
  in UK 5069
  nutrition of 5069
  preying on, *Eucallipterus tiliae,* in Scotland 5069
Blepharipa scutellata
  in USA 1844, 2672
  parasitising
    Lymantria dispar
      and biological control using, in Pennsylvania 5179
      in Connecticut 1844
      in Massachusetts 2672
Blepharocera asiatica, in USSR 3530
Blesbok (see *Damaliscus dorcas*)
bleusci, Otiorhynchus
Blissus, on *Digitaria decumbens,* in Mexico 2747
Blissus insularis
  biology of 1437
  control of 1437
    insecticides for 2304
  in USA 1437, 2304, 3128

lissus insularis *contd.*
  on *Stenotaphrum secundatum*
    in Florida 2304, 3128
    resistance to 4759
  parasitised by, *Eumicrosoma benefica,* in Florida 3128
lissus leucopterus
  control of, insecticides for 143
  in Trinidad and Tobago 143
  in lawns, in Trinidad 143
lissus leucopterus hirtus
  biology of 1437, 1877
  control of 1437, 1877
  in USA 1437, 1877
  in lawns, in Connecticut 1877
lomia, taxonomy of 2515
lue stain fungi
  control of
    fungicides for 3285
    insecticides for 3285
lue tit (see *Parus caeruleus*)
oarmia selenaria (see *Ascotis*)
oarmoides, Polydesma
ochartia, parasitising, *Clavigralla gibbosa,* in Madhya Pradesh 3235
oehmeria nivea, *Ferrisia virgata* on, in Assam 2828
oeticus, Lampides
ombus, traps for 4650
ombykol (*see* 10,12-Hexadecadien-1-ol, (*Z,E*)-)
  38
ombyx mori
  Bacillus thuringiensis in, effects of 2906
  bombykol in, perception of 38
  carbaryl in, metabolism of 802
  cytoplasmic polyhedrosis virus in 4898
    adsorption of, in soil 3892
    infectivity of 738
    properties of 2439, 2901
  DDT in, effects of 4530
  flacherie virus in, properties of 3313
  food consumption in 910
  juvenile hormone analogues in, activity of 3471
  nuclear polyhedrosis virus in 2911
    infectivity of 738
    infectivity of components of 2895
    storage of 3898
  sex pheromone receptors in 2101
bonariensis, Hyperodes
bonifatella, Tehama
Boophilus microplus, control of, acaricides for 4949
Bordeaux mixture, with parathion, against, *Empoasca flavescens* 2767
borealis, Cyclocephala
Boric acid, in termites, effects on gut symbionts of 2272
Boric acid (H_3BO_3), in *Lymantria dispar,* effects of 1536
borinquensis, Signiphora
Boron, in *Hypera postica,* effects on feeding and oviposition of 3710
Borrelinavirus, in, *Stilpnotia salicis,* biological control with 3270
Borrelinavirus aporia, in, *Aporia crataegi,* in USSR 1183
Borrelinavirus efficiens, in, *Lymantria monacha,* in USSR 1183
Borrelinavirus reprimens
  in
    Lymantria dispar
      in USSR 1183
      promoting outbreaks of 1536
Borrelinavirus stilpnotia, in, *Stilpnotia salicis,* in USSR 1183
Bos taurus (see Cattle)
Bostrychidae, in North Vietnam 3427
Boswellia serrata, *Carphoborus boswelliae* on, in India 705
boswelliae, Carphoborus
botanephaga, Sesamia nonagrioides
Bothrideres contractus, in Romania 663
Bothriothorax, taxonomy of 2085
Bothrioxysta
  hyperparasitising, *Capitophorus horni,* in France 1392
  parasitising, *Praon flavicorne,* in France 1392
Bothynoderes foveicollis
  in USSR 4342
  on sugar-beet, in Siberia 4342
Bothynoderes punctiventris, larvae of, effects of fertilisers on 43
Bothynus cuniculus, in Virgin Islands 4141
botrana, Lobesia
Botrytis
  control of, fungicides for 3935
  in glasshouses, in France 3935
Botrytis fabae
  in
    Thysanoptera, transmission of 3309
    Vicia faba, in Czechoslovakia 3309
Botswana
  Oryzaephilus mercator in 3391
  pest control in 2226
Bottle gourd (see *Lagenaria siceraria*)
boucheanus, Dibrachys (see *D. cavus*)
Bourletiella hortensis, in Netherlands 3615
Boverin (see *Beauveria bassiana*)
boycei, Rhagoletis
Boysenberry
  endosulfan in, residues of 547
  Heliothis armigera on, in South Africa 547
  Oecanthus pellucens on, in South Africa 547
BPMC (*see* Phenol, 2-(1-methylpropyl)-, methylcarbamate)
  1200
  2730
Brachiaria reptans, *Atherigona soccata* on 1050

- ***brachiicollis, Lethrus***
- ***Brachycaudus cardui***
  - biology of 5127
  - in Norway 5127
  - in Romania 1128
  - in potato-fields, in Romania 1128
  - on plum, in Norway 5127
  - pea mosaic virus in, transmission of 3306
  - sharka virus in, transmission of 1569
  - watermelon mosaic virus in, transmission of 735
- ***Brachycaudus helichrysi***
  - biology of 571, 5127
  - chrysanthemum aspermy virus in, transmission of 734
  - chrysanthemum mosaic virus in, transmission of 734
  - control of 571
  - flight activity in 4186
  - in Norway 5127
  - in UK 571, 4186
  - in USSR 1110
  - on peach, in Turkmenia 1110
  - on plum
    - damage caused by 571
    - in Norway 5127
    - in UK 571
  - sharka virus in, transmission of 1569
  - traps for 4186
  - turnip mosaic virus in, transmission of 3306
  - watermelon mosaic virus in, transmission of 735
- ***Brachycaudus maidiracis***
  - in USA 89
  - on maize, in Mississippi 89
- ***Brachycaudus persicae***
  - in Australia 4192
  - in Switzerland 3190
  - on almond, in New South Wales 4192
  - on peach
    - in New South Wales 4192
    - in Switzerland 3190
- ***Brachycaudus persicaecola*** (see *B. persicae*)
- ***Brachycaudus schwartzi,*** sharka virus in, not transmitted 1569
- ***brachycyclica, Nasonovia***
- **Brachyderinae**, in Kazakhstan 2620
- ***Brachymeria***
  - hyperparasitising, *Thiacidas postica,* in India 1024
  - parasitising
    - *Thiacidas postica,* in India 1024
    - *Virachola livia,* in Egypt 2787
- ***Brachymeria conica***
  - in Costa Rica 3269
  - parasitising
    - *Amyelois transitella,* in Costa Rica 3269
    - *Anadasmus porinodes,* in Costa Rica 3269
- ***Brachymeria conica*** *contd.*
  - parasitising *contd.*
    - *Hypsipyla grandella,* in Costa Rica 3269
- ***Brachymeria feae***
  - in Angola 2147
  - parasitising, *Orgyia mixta,* in Angola 2147
- ***Brachymeria intermedia***
  - in USA 2395
  - parasitising
    - *Lymantria dispar*
      - and biological control using, in Pennsylvania 5179
      - in Connecticut 2395
- ***Brachymeria kivuensis***
  - in Nigeria 4389
  - parasitising, *Phalanta phalantha,* in Nigeria 4389
- ***Brachymeria obscurata***
  - in South Korea 3642
  - parasitising, *Hyphantria cunea,* in South Korea 3642
- ***brachyntera, Thecodiplosis***
- ***Brachypeplus pilosellus,*** *Phytophthora palmivora* in, transmission of 3870
- ***Brachyrhinus ligustici*** (see *Otiorhynchus*)
- ***Brachytrupes achatinus***
  - in India 2839
  - on jute
    - damage caused by 2839
    - in India 2839
- ***Brachyunguis afghanica***
  - sp. n., description of 859
  - in Afghanistan 859
  - on *Artemisia turanica,* in Afghanistan 859
- ***Brachyunguis bimacula***
  - sp. n., description of 859
  - in Afghanistan 859
  - on *Campanula,* in Afghanistan 859
- ***Brachyunguis sonchi***
  - sp. n., description of 859
  - in Afghanistan 859
  - on *Sonchus asper,* in Afghanistan 859
- **Bracken** (see *Pteridium aquilinum*)
- ***Bracon***
  - parasitising
    - *Gypsonoma aceriana,* in Yugoslavia 687
    - *Petrova arizonensis,* in Colorado 1958
- ***Bracon brevicornis***
  - in India 3145
  - parasitising, *Ostrinia kasmirica,* in India 3145
- ***Bracon greeni***
  - in India 2840
  - parasitising, *Apion corchori,* in West Bengal 2840
- ***Bracon hebetor***
  - biology of 1002, 1831, 2878
  - hosts of 1831

***racon hebetor** contd.*
  in India 3145
  in Iran 2878
  in Iraq 1002
  in Pakistan 5208
  in Turkey 4493
  oocyte maturation in, effects of continuous light on 357
  parasitising
    Ephestia cautella 3132
      in Iraq 1002
      in Turkey 4493
    Euzophera bigella 2878
    Ostrinia kasmirica, in India 3145
    pests of stored grain, in Pakistan 5208
    Plodia interpunctella 4713
      in Iran 2878
      in Turkey 4493
  population dynamics of 3132
  preyed on by, *Xylocoris flavipes* 4713
  radiolabelling of 4164
racon iranicus
  sp. n., description of (in *Habrobracon*) 2084
  in Iran 2084
racon kirkpatricki
  life tables for 477
  parasitising
    Pectinophora gossypiella 1523
      and biological control using
        in Arizona 3927
        in California 477
aconidae
  biology of 3588
  in Lithuania 3939–3940
  in USSR 3828
  in Yugoslavia 2267
  parasitising
    Cryptoblabes gnidiella, in Egypt 4609
    Milionia isodoxa, in Papua New Guinea 4395
    Stigmella malella, in Georgia (USSR) 4768
    Tortricidae, in Poland 1079
  wing venation in 5001
adysia impatiens, rearing of, techniques for 2199
aggi, Capitophorus
an
  bait-spray component for, Noctuidae, on artichoke 5138
  diet component for, *Musca domestica,* for testing *Bacillus thuringiensis* toxins 2193
anderiana, Pseudosciaphila
asiliensis, Trichogramma
asiliensis, Zeteticontus
assica alboglabra
  Hellula undalis on, in Singapore 1112
  Phyllotreta striolata on, in Singapore 1112
  Plutella xylostella on, in Singapore 1112
Brassica campestris, *Chrotogonus trachypterus* on 4680
Brassica campestris **subsp.** ***rapifera*** (see Turnip)
Brassica chinensis (see Cabbage, Chinese)
Brassica juncea, *Lipaphis erysimi* on, varietal preferences of 4322
Brassica napus **var.** ***dichotoma,*** *Lipaphis erysimi* on, varietal preferences of 4322
Brassica napus **var.** ***glauca***
  BHC in, residues of 5256
  Lipaphis erysimi on, varietal preferences of 4322
  parathion in, residues of 5256
Brassica napus **var.** ***napobrassica*** (see Swede)
Brassica napus **var.** ***oleifera*** (see Rape)
Brassica oleracea **var.** ***botrytis*** (see Cauliflower and broccoli)
Brassica oleracea **var.** ***capitata*** (see Cabbage)
Brassica oleracea **var.** ***gemmifera*** (see Brussels sprouts)
Brassica oleracea **var.** ***gongyloides*** (see Kohlrabi)
Brassica oleracea **var.** ***viridis*** (see Kale)
Brassica pekinensis (see Cabbage, Chinese)
brassicae, Aleyrodes
brassicae, Alloxysta
brassicae, Aphidius (see *Diaeretiella rapae*)
brassicae, Brevicoryne
brassicae, Dasineura
brassicae, Hylemya
  (*Delia*)
  (*Erioischia*)
  (*Phorbia*)
brassicae, Liriomyza
brassicae, Mamestra, (*Barathra*)
brassicae, Pieris
Brassolis sophorae
  in Surinam 542
  on coconut
    damage caused by 542
    in Surinam 542
Braula coeca
  control of, phenothiazine for 473
  in USSR 473
  parasitising, honey bees, in Armenia 473
Brazil
  Aclerda campinensis in
    natural enemies of 1032
    on sugar-cane 1032
  Aeneolamia selecta in
    natural enemies of 1029
    on sugar-cane 496, 1029
  Aleurodicus cocois in, on *Anacardium occidentale* 1887
  Aleurothrixus floccosus in, on *Citrus* 5130
  Anastrepha fraterculus in 5107
  Aspidiotus nerii in 4554
  Azochis gripusalis in, on fig 573

Brazil *contd.*
cacao in, potential pests of 2843
Ceratitis capitata in 5107
Coccus perlatus in, on *Citrus* 586
Diabrotica speciosa in
on banana 1106
on groundnut 1123
Elasmolomus sordidus in 1339
Enneothrips flavens in, on groundnut 1123
Eriococcus araucariae in, on *Araucaria* 661
Euscepes postfasciatus in, on sweet potato 1497
Hanseniella spp. in, on *Carica papaya* 1109
Hypothenemus hampei in, on coffee 4018
Hypsipyla ferrealis in, on *Carapa guianensis* 3267
Mahanarva posticata in
natural enemies of 1029
on sugar-cane 1029, 2286
Migdolus fonsecai in, on sugar-cane 308
Myzus persicae in
on cotton 1519
on potato 5152
Oebalus poecilus in, on rice 2298
Orthoporus fuscipes in, on *Manihot esculenta* 3240
Plectrophorus incertus in, on cacao 1950
Rhynchophorus palmarum in, natural enemies of 862
Solenopsis invicta in 4694
Stegasta basqueella in, on groundnut 1123
sugar-cane in
insects associated with 1033
pests of 2285
Tetranychus urticae in
on cotton 1941
on roses 3811
on *Solanum melongena* 1500
breiti, Harmonia
Bremia lactucae, in, lettuce, resistance to 3937
Brestan (*see* Fentin acetate, with maneb)
***endo*-Brevicomin** (*see* 6,8-Dioxabicyclo[3.2.1]octane, 7-ethyl-5-methyl-, *endo*-)
***exo*-Brevicomin** (*see* 6,8-Dioxabicyclo[3.2.1]octane, 7-ethyl-5-methyl-, *exo*-)
brevicomis, Dendroctonus
brevicornis, Bracon
brevicornis, Pterostichus
Brevicoryne brassicae
biology of 600, 1911
control of
insecticides for 195, 3762
integrated 3580

Brevicoryne brassicae *contd.*
feeding behaviour in
effects of insecticides on 4130
effects of sinigrin on 1701
flight activity in 3523
hyperparasites of, in California 604
in Australia 4192
in Bulgaria 3765
in Chile 2800
in Ethiopia 1827
in Netherlands 195
in Poland 3580
in South Africa 600–601, 1479, 1911
in USA 604, 3762
natural enemies of, in South Africa 601
on brussels sprouts, in Netherlands 195
on cabbage
in Bulgaria 3765
in California 604
in New South Wales 4192
in Poland 3580
in South Africa 600–601, 1479, 1911
on mustard, in California 3762
on radish, in Ethiopia 1827
on rape
in California 3762
in Ethiopia 1827
parasites of
in Bulgaria 3765
in California 604
parasitised by
Diaeretiella rapae 1856
in Poland 3580
predators of
in Bulgaria 3765
in Poland 3580
preyed on by, Syrphidae 3664
watermelon mosaic virus not transmitted by 735
Brevipalpinae, taxonomy of 1261
Brevipalpus californicus
control of, acaricides for 1107, 3214, 5174
in Egypt 948, 1107, 1891
in India 1529, 3214
in Mozambique 3213
in Sri Lanka 5174
life history of 947
natural enemies of, in India 1529
on guava, in Egypt 1107
on lemon, in Egypt 948
on lime (*Citrus*), in Punjab 3214
on orange, in Mozambique 3213
on tea
in India 1529
in Sri Lanka 5174
population dynamics of, effects of pesticides on 948
predators of, in Egypt 1891
Brevipalpus lineola
in Italy 224
on *Pinus pinea,* in Italy 224

***evipalpus lineola* contd.**
  on *Pinus sylvestris,* in Italy 224
evipalpus obovatus
  control of, acaricides for 5132
  in Egypt 1891
  in Venezuela 5132
  males of, produced after X-irradiation 362
  on apple, in Egypt 1891
  on *Citrus,* in Venezuela 5132
  on quince, in Egypt 1891
  predators of, in Egypt 1891
evipalpus oleae, taxonomy of, characters distinguishing *B. olivicola* and 2844
evipalpus olearius
  descriptions of 189
  in Italy 189
  on olive, in Italy 189
  taxonomy of, *Brevipalpus olivicola* misidentified as, in Italy 2844
evipalpus olivicola
  sp. n., description of 2844
  in Italy 2844
  on olive, in Italy 2844
  taxonomy of, misidentified as *B. olearius,* in Italy 2844
evipalpus phoenicis
  biology of 906, 3503
  control of, acaricides for 2781, 3503, 5132
  food-plants of, in Hawaii 3503
  n Colombia 180, 2781
  n Egypt 906, 1891, 2841
  n Mauritius 214
  n Mozambique 3213
  n USA (Hawaii) 3503
  n Venezuela 5132
  on *Acalypha,* in Egypt 906
  on *Buddleja,* in Egypt 906
  on *Citrus*
    in Colombia 180, 2781
    in Egypt 906
    in Venezuela 5132
  on fig, in Egypt 2841
  on orange, in Mozambique 3213
  on pear, in Egypt 1891
  on sweet potato, in Egypt 906
  on tea, in Mauritius 214
  population dynamics of 180
  predators of
    in Egypt 1891
    in Hawaii 3503
evipalpus wainsteini
  descriptions of 224
  n Italy 224
  on *Pinus halepensis,* in Italy 224
  on *Pinus pinea,* in Italy 224
evipennis, Oodescelis
evipes, Dysmicoccus
evipes, Micreremus
eviplicanus, Archips, (*Archippus*)
eviramulus, Necremnus
brevis, Cryptotermes
brevis, Hoplocampa
brevis, Larinus
brevis, Oberea
breviuscula, Chaetocnema
Brewers' yeast
  diet component for
    Agrotis segetum 3393
    Cryptophlebia leucotreta 4814
    Dacus oleae 5047
    Heliothis armigera 4655
    Hylemya antiqua 4348
    Lobesia botrana 32
    Lymantria dispar 1351
    Musca domestica, for testing *Bacillus thuringiensis* toxins 2193
    Otiorhynchus sulcatus 2122
    Sesamia nonagrioides 3556
    Sitophilus granarius 1702
    Spodoptera littoralis 3551
    Wiseana spp. 1801
bridwelli, Idiogramma
brillians, Harrisina
brimblecombei, Pseudaulacaspis
Brinjal (*see* Eggplant)
britannica, Blastothrix
British Columbia
  Acleris comariana in, on strawberry 2766
  Acyrthosiphon pisum in
    natural enemies of 2668
    on pea 2668
  Adelges piceae in, on *Abies* 2858
  aphids in 3424–3425
    natural enemies of 2667
  Apion longirostre in 2594
  Archips argyrospilus in, on apple 2462, 4653
  Arctia caja in, on *Senecio jacobaea* 4677
  Choristoneura biennis in, natural enemies of 4911
  Cydia pomonella in, on apple 1463, 2773, 3916, 4653
  Dendroctonus ponderosae in, on *Pinus* 1171
  D. pseudotsugae in, on *Pseudotsuga* 5190
  D. rufipennis in, on *Picea* 2859
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
  D. reniculelloides in, on *Picea* 2511
  Epitrix tuberis in, on potato 2818
  Erannis vancouverensis in 1947
  Kybos spp. in 2513
  Lithophane georgii in, on apple 2774
  Nemocestes incomptus in, on strawberry 3182
  Operophtera bruceata in, on fruit trees 3726
  Phyllotreta armoraciae in 2594
  P. utana in 2594
  Pissodes strobi in, on *Picea* 2868

British Columbia *contd.*
- *Psila rosae* in, on carrot 4797
- *Psylla pyricola* in
  - natural enemies of 3661
  - on pear 3661
- Psyllidae in 3426
- *Quadraspidiotus ostreaeformis* in 557
- *Q. perniciosus* in 557
- *Rhagoletis indifferens* in, on cherry 1896, 4654
- Scolytidae in 5199
- *Taeniothrips orionis* in, on cherry 1902
- *Therioaphis riehmi* in
  - natural enemies of 2668
  - on *Melilotus alba* 2668
- *Trypodendron lineatum* in, on *Pseudotsuga* 1731, 3509
- *Viteus vitifoliae* in, on grape vine 4767

British Honduras (*see* Belize)

Broad bean (see *Vicia faba*)

Broad bean mosaic virus
- in
  - *Aphis fabae,* transmission of 3230
  - *Vicia faba,* in West Germany 3230

Broccoli (*see* Cauliflower and broccoli)

Bromex (*see* Naled)

bromicola, Stenodiplosis

Bromophos (*O*-(4-bromo-2,5-dichlorophenyl) *O,O*-dimethyl phosphorothioate)
- against
  - *Acarus siro* 1977
  - *Acrolepia assectella* 4500
  - *Aelia rostrata* 4440
  - *Aphis fabae* 623
  - *Ceratitis capitata* 2933
  - *Colotois pennaria* 4847
  - *Drosophila melanogaster* 2933
  - *Eurygaster* spp. 5233
  - *Heliothis armigera* 2815
  - *Hepialus lupulinus* 4500
  - *Hodotermes mossambicus* 275, 776
  - *Hylemya antiqua* 3241, 4500
  - *H. brassicae* 3611
  - *Hypera postica* 1197, 1443
  - *Hyphantria cunea* 156
  - *Oscinella frit* 145
  - *Ostrinia nubilalis* 131
  - *Pegomya betae* 623
  - *Scrobipalpa ocellatella* 623
  - *Sitophilus granarius* 4491
  - *Spodoptera littoralis* 1882
  - *Tribolium confusum* 4491
  - *Tyrophagus putrescentiae* 1977
- in *Apanteles plutellae,* toxicity of 1011
- in cherry, toxicity of 161
- in grape vine, effects of 4472
- in *Philonthus fuscipennis,* toxicity of 1502
- in soil, insecticidal activity of 1226
- in *Tachyporus hypnorum,* toxicity of 1502

Bromophos *contd.*
- resistance to, in, *Oryzaephilus mercato* 3391

Bromophos-ethyl (*O*-(4-bromo-2,5-dichlorophenyl) *O,O*-diethyl phosphorothioate)
- against, *Hylemya brassicae* 2348, 3611
- in soil, insecticidal activity of 1226
- with dimethoate, against, *Aphis gossyp* 4308
- with methyl-demeton, against, pests of brussels sprouts 195
- with mevinphos, against, pests of bruss sprouts 195
- with thiometon, against, pests of bruss sprouts 195

Bromopropylate (*see* Benzeneacetic acid, bromo-α-(4-bromophenyl)-α-hydroxy- methylethyl ester) 2659

Bromus inermis, Stenodiplosis bromicola in Nebraska 3171

Brontispa longissima
- control of, insecticides for 4765
- in New Caledonia 3652
- in Solomon Islands 4765
- on coconut
  - in New Caledonia 3652
  - in Solomon Islands 4765
- parasitised by
  - *Tetrastichus brontispae*
    - and biological control using
      - in New Caledonia 3652
      - in Solomon Islands 4765
- preyed on by, *Chelisoches morio,* in N Caledonia 3652

Brontispa longissima froggattii (see *B. longissima*)

brontispae, Tetrastichus

Broom (see *Sarothamnus scoparius*)

Broscus cephalotes
- in USSR 1023, 3944
- preying on
  - *Argyresthia conjugella,* in Lithuania 3944
  - *Polyphylla irrorata,* in Kazakhstan 1023

bruceata, Operophtera

Bruchidae
- attraction of, to unsuitable food-plants 4630
- in French Antilles 2181
- in Mexico 4630
- literature on 3096
- natural enemies of 2262
- taxonomy of, characters for, oviposito 1664

Bruchidius
- in seeds, imported into India 2920
- on lentil, in India 5147

Bruchidius ater
- biology of 1025

uchidius ater *contd.*
  n Netherlands 1025
  on *Sarothamnus scoparius,* in Netherlands 1025
uchidius incarnatus
  biology of 3303
  n Egypt 3303
  n stored lentils, in Egypt 3303
  n stored peas, in Egypt 3303
  n stored *Vicia faba,* in Egypt 3303
  n stored *Vigna unguiculata,* in Egypt 3303
  on *Vicia faba,* in Egypt 3303
uchidius minutus, [?] on pulse crops, in India 5147
uchidius quinqueguttatus
  n Turkey 4486
  on *Vicia,* in Turkey 4486
uchophagi, Mesopolobus, (*Amblymerus*)
uchophagi, Tetrastichus
uchophagus roddi (see also *Eurytoma roddi*)
  development in 2669
  n Hungary 3030
  in USA 2669
  in USSR 147
  on lucerne
    in Hungary 3030
    in USSR 147
    resistance to 4284
  parasites of 2669
uchus, in Turkey 2409
uchus chinensis (see *Callosobruchus*)
uchus emarginatus
  in India 5147
  in Turkey 4486
  on *Pisum arvense,* in India 5147
  on *Vicia,* in Turkey 4486
uchus ervi
  in Turkey 4486
  on lentil, in Turkey 4486
uchus lentis
  in India 5147
  in Turkey 4486
  in stored lentils, damage caused by 3294
  on lentil
    in India 5147
    in Turkey 4486
uchus pisorum
  in Australia 4336
  in India 5147
  in Turkey 4486
  on pea
    damage caused by 4336
    in India 5147
    in South Australia 4336
    in Turkey 4486
  on *Vicia ervilia,* in Turkey 4486
uchus rufimanus
  in Turkey 4486
  on *Vicia,* in Turkey 4486
  on *Vicia faba,* in Turkey 4486
Bruchus rufipes
  in Turkey 4486
  on *Vicia,* in Turkey 4486
Bruchus tristis
  in Turkey 4486
  on *Lathyrus odoratus,* in Turkey 4486
Bruchus ulicis
  in Turkey 4486
  on *Vicia,* in Turkey 4486
  on *Vicia ervilia,* in Turkey 4486
brucki, Pityophthorus
brumata, Operophtera, (*Cheimatobia*)
Brumoides suturalis
  in India 4351
  on cotton, in Haryana 4351
Brumus, preying on, cotton pests, in Rajasthan 3789
Brumus suturalis, preying on, *Orosius albicinctus* 637
bruneri, Scyllinops (see *S. pallida*)
brunnea, Villa
brunneipennis, Hypera
brunneonigrum, Apion
brunneum, Microbisium
brunneus, Lasius
brunneus, Lyctus
brunnicornis, Herpestomus
brusinae, Idiocerus
Brussels sprouts (*Brassica oleracea* var. *gemmifera*)
  Hylemya brassicae on
    in France 4500
    in UK 1483
  H. platura on, in UK 2355
  insect pests of, in Netherlands 195
  Murgantia histrionica on
    in North Carolina 4785
    resistance to 4785
Bryobia praetiosa
  in Italy 5122
  on apple, in Italy 5122
  on pear, in Italy 5122
  taxonomy of, *Bryobia rubrioculus* distinct from 1
Bryobia redikorzevi, taxonomy of, synonym of *B. rubrioculus* 1
Bryobia rubrioculus
  control of, integrated 1087
  in East Germany 1087
  in Poland 563
  on apple
    in East Germany 1087
    in Poland 563
  taxonomy of
    Bryobia praetiosa distinct from 1
    B. redikorzevi as synonym of 1
Bryobiidae, taxonomy of 963
Bryocoropsis laticollis
  defensive behaviour in 868
  dorso-abdominal gland in 868
  reproductive organs in 1709
bryoniae, Liriomyza

- **BT-183** (see *Bacillus thuringiensis* var. *thuringiensis*)
- ***Bubekia fallax***
  - in USA 1838
  - parasitising, *Oscinella frit,* in Virginia 1838
- ***Bucculatrix canadensisella,*** in Canada 2386
- ***Bucculatrix thurberiella***
  - nuclear polyhedrosis virus in, effects of 4892
  - nutrition of, role of cotton nectar in 4820
  - rearing of, techniques for 3256
- ***Buddleja***
  - *Agistemus exsertus* on, in Egypt 540
  - *Brevipalpus phoenicis* on, in Egypt 906
- **Building materials,** assessing termite susceptibility in 1602
- ***bulbus, Neoitamus***
- **Bulgaria**
  - *Acyrthosiphon pisum* in 1916
  - *Agriotes* spp. in 3621
  - aphids in, on freesias 660
  - *Aphis gossypii* in, on cotton 640
  - *Athalia cordata* in
    - natural enemies of 487
    - on *Rosa damascena* 487
  - *Brevicoryne brassicae* in
    - natural enemies of 3765
    - on cabbage 3765
  - Chrysomelidae in, natural enemies of 1388
  - Cossidae in, on trees 1457
  - *Cydia pomonella* in, on almond 3188
  - *Discestra trifolii* in 3094
  - Eriophyidae in 957
  - *Erythroneura adanae* in, on grape vine 551
  - Hemiptera in, on medicinal plants 2279
  - Homoptera in, on medicinal plants 120
  - insect conservation in 2214
  - leaf-mining moths in, on fruit trees 1895
  - *Leptinotarsa decemlineata* in, on potato 203
  - *Lobesia botrana* in, on grape vine 3717
  - *Nascia cilialis* in, on *Sesamum indicum* 1927
  - *Oryzaephilus surinamensis* in, in stored almonds 3188
  - *Otiorhynchus sulcatus* in, on grapevine 553
  - *O. turca* in, on grapevine 553
  - Pentatomidae in, on grain crops 126
  - *Planococcus citri* in, on ornamental plants 216
  - *Plodia interpunctella* in, in stored almonds 3188
  - *Pseudococcus adonidum* in, on ornamental plants 216
  - *P. maritimus* in, on ornamental plants 216
- **Bulgaria** *contd.*
  - *Rhopalosiphum maidis* in, on sorghum 140
  - *Rosa damascena* in, insects associated with 1926
  - *Schizaphis graminum* in, on sorghum 140
  - *Sitophilus granarius* in 725
  - *S. oryzae* in 725
  - *Taeniothrips simplex* in, on freesias 66
  - *Tetranychus urticae* in, on cucumber 3226
  - thrips in, on cotton 640
  - *Tribolium castaneum* in
    - in *Helianthus annuus* seeds 1988
    - in stored grain 1988
    - in sunflower seeds 3302
  - *T. confusum* in, in stored almonds 31
- ***Bulgarialeurodes cotesii***
  - in USSR 997
  - parasitised by
    - *Encarsia partenopea,* in Turkmenia 997
    - *Eretmocerus* spp., in Turkmenia 99
- ***bullata, Sarcophaga***
- ***Bunaea alcinoe***
  - biology of 3283
  - in Nigeria 3283
  - on *Ekebergia senegalensis,* in Nigeria 3283
- ***buoliana, Rhyacionia***
- ***Bupalus piniarius***
  - control of, *Bacillus thuringiensis* for 1157, 1535
  - in East Germany 821
  - in Netherlands 3377
  - in West Germany 711, 4841
  - on *Pinus*
    - in Netherlands 3377
    - in West Germany 711, 4841
  - outbreaks of 4841
  - population dynamics of 821, 3377
- **Buprestidae**
  - in Afghanistan 393
  - in Kazakhstan 4394
- **Burlap,** dichlorvos in, residues of 2404
- **Burma**
  - *Agrotis* and allied genera in 856
  - *Chilo auricilius* in, on rice 135
  - *Sesamia inferens* in, on rice 135
  - *Sternochetus mangiferae* in, on mango 2588
  - Tephritidae in 2962
  - *Tryporyza incertulas* in, on rice 135
- ***burnerae, Paracoccus***
- **Burr, Noogoora** (see *Xanthium strumari*
- ***burreli, Allotropa***
- ***Bursaphelenchus lignicolus,*** in, *Monocha alternatus,* transmission of 1971
- ***bursarius, Pemphigus***

sicon
n *Manduca sexta,* relation of activity of eclosion hormone and 2563
n *Pieris brassicae* haemolymph, activity pattern of 4084
ckii, Drosophila
seola fusca
iapause in 2115
n Ethiopia 1827
n maize, in West Africa 2703
n sorghum, in West Africa 2703
arasitised by, *Apanteles sesamiae* 4039
ulfan (*see* 1,4-Butanediol, dimethanesulfonate)
4947
acarb (3,5-bis(1,1-dimethylethyl)phenyl methylcarbamate)
etermination of 4642
Butadiene, 1,1,2,3,4,4-hexachloro-,
against, *Viteus vitifoliae* 1077
anedioic acid
n *Popillia japonica,* effects of *Bacillus popilliae* on oxidation of 2898
ono(2,2-dimethylhydrazide)
  in *Amblyseius fallacis,* toxicity of 2327
  in *Tetranychus urticae,* toxicity of 2327
anedioic acid, amino-, (*S*)- (*see* L-Aspartic acid)
anedioic acid, [(dimethoxyphosphinothioyl)thio]-, diethyl ester (*see* Malathion)
anedioic acid, [(dimethoxyphosphinyl)thio]-, diethyl ester (*see* Malaoxon)
Butanediol
imethanesulfonate
  sterilant for, *Anthonomus grandis* 3500
  with hempa, sterilant for, *Anthonomus grandis* 4947
anoic acid, 2-phenylethyl ester, with 2-methoxy-4-(2-propenyl)phenol, attractant for, *Popillia japonica* 3567
anoic acid, 4-amino-
n mice, effects of insecticides on 2943
n *Periplaneta americana,* effects of insecticides on 2943
anoic acid, 2-amino-3-hydroxy-, [R-(R*,S*)]- (*see* L-Threonine)
anoic acid, 2-amino-3-methyl-, (*S*)- (*see* L-Valine)
anoic acid, 2-amino-4-(methylthio)-, (*S*)- (*see* L-Methionine)
anoic acid, 4-(2,4-dichlorophenoxy)-, in plants, effects of insecticides on metabolism of 1218
anoic acid, 2-methyl-, heptyl ester, additive for *Popillia japonica* attractants 2497
anoic acid, 3-methyl-, 5-decenyl ester, (*Z*)-, *Nudaurelia cytherea cytherea* sex pheromone 3465

1-Butanol, in insects, activating choline esterase 1695
2-Butanone, 4-[4-(acetyloxy)phenyl]- (*see* Cue-lure)
2-Butanone, 3,3-dimethyl-1-(methylthio)- *O*-[(methylamino)carbonyl]oxime
  (thiofanox)
  against
    Aphis gossypii 4816
    Fiorinia theae 3263
    Frankliniella spp. 4816
    Psallus seriatus 4816
  in cotton-fields, non-target effects of 4816
Butene, homopolymer, against, *Tetranychus urticae* 662
2-Butenoic acid, 3-[(dimethoxyphosphinyl)oxy]-, methyl ester (*see* Mevinphos)
2-Butenoic acid, 3-methyl-, 2-(1-methylpropyl)-4,6-dinitrophenyl ester (*see* Binapacryl)
3-Buten-2-one, 4-(2-hydroxyphenyl)-, attractant for, *Drosophila melanogaster,* after mutation 3470
Buttercup mosaic virus
  hosts of 4371
  in
    Myzus persicae, transmission of 4371
    Ranunculus asiaticus, in India 4371
Butterflies, courtship behaviour in 3029
Butylated hydroxyanisole (*see* Phenol, 2-(1,1-dimethylethyl)-4-methoxy-)
Butylated hydroxytoluene (*see* Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-)
γ-Butyrobetaine (*see* 1-Propanaminium, 3-carboxy-*N,N,N*-trimethyl-, hydroxide, inner salt)
Bux (*see* Phenol, 3-(1-ethylpropyl)-, methylcarbamate, with 3-(1-methylbutyl)phenyl methylcarbamate)
  2930
Buzura suppressaria
  biology of 2846
  in Sri Lanka 2846
  on tea, in Sri Lanka 2846
  parasitised by, *Apanteles* spp., in Sri Lanka 2846
c-nigrum, Xestia
  (*Amathes*)
  (*Rhyacia*)
C-8353 (*see* Dioxacarb)
C-8514 (*see* Galecron)
C-9491 (*see* Iodofenphos)
C-13963 (*see* Carbamic acid, dimethyl-, 2-(1,3-dithiolan-2-yl)phenyl ester)
  5145
C-18244 (*see* Phosphonothioic acid, ethyl-, *O*-(2,5-dichloro-4-iodophenyl) *O*-ethyl ester)
  5145

CA-6900 (*see* Phosphorothioic acid, *O*-[2,5-dichloro-4-(methylthio)phenyl] *O,O*-diethyl ester)
  1224
  3573
Cabbage (*Brassica oleracea* var. *capitata*)
  Agistemus exsertus on, in Egypt 540
  Brevicoryne brassicae on
    in Bulgaria 3765
    in California 604
    in New South Wales 4192
    in Poland 3580
    in South Africa 600–601, 1479, 1911
  carbaryl in, effects of 3768
  carbofuran in, determination of 3548
  Chiloloba acuta on, in Rajasthan 2224
  Copitarsia spp. on, in Mexico 5141
  Discestra trifolii on, in Bulgaria 3094
  fenitrothion in, effects of 3768
  Hyadaphis erysimi on, in South Africa 600–601, 1479, 1911
  Hylemya brassicae on
    in France 4500
    in UK 1483
    in USSR 598
  H. floralis on, in Mongolia 602
  insecticides in, bioassay for 4174
  Lipaphis erysimi on, in China 5140
  Mamestra brassicae on
    in Romania 3768
    in USSR 5139
  Murgantia histrionica on
    in North Carolina 4785
    resistance to 4785
  Myzus persicae on
    in China 5140
    in New South Wales 4192
    in South Africa 600–601, 1479, 1911
    in Texas 194
    in West Bengal 3122
  parathion in, residues of 5257
  pests of
    in Turkey 4443
    in UK 3221
  Pieris brassicae on, in Hungary 3222
  P. rapae on
    in Georgia (USA) 5143
    in Missouri 4501
    in Quebec 1482
    in South Carolina 5142
    in USSR 5139
  Plutella xylostella on
    in Georgia (USA) 5143
    in Malaysia 1910
    in Mexico 5141
    in North Carolina 5059
    in Philippines 2807
    in USSR 598, 5139
  Silpha opaca on, in USSR 598
  Spodoptera exigua on, development of 1360
Cabbage *contd.*
  Trichoplusia ni on
    in Florida 3766
    in Georgia (USA) 5143
    in Mexico 5141
    in Quebec 1482
    in South Carolina 5142
    in Venezuela 2806
Cabbage, Chinese (*Brassica chinensis* and *pekinensis*)
  Hellula undalis on, in Singapore 1112
  Lipaphis erysimi on, in China 5140
  Murgantia histrionica on, in North Carolina 4785
  Myzus persicae on
    in China 5140
    probing by 4796
    virus transmission by 5216
  Phyllotreta striolata on, in Singapore 1112
  Plutella xylostella on, in Singapore 11
Cabbage cutworms, control of, *Bacillus thuringiensis* for 2149
Cacao (*Theobroma cacao*)
  Afroeurydemus decellei on, in Ivory Co 451
  Amblypelta theobromae on, in Papua 4144
  ants on
    effects of insecticides on 5171
    in Ghana 484
    limiting pests and diseases 484
  Bathycoelia thalassina on, in Ghana 4824
  Characoma stictigrapta on, in Nigeria 5171
  Chavesia trinidadensis on, in Trinidad 3435
  Dundubia rufivena on, in Malaysia 3
  Eulophonotus myrmeleon on, in Nigeri 5171
  Helopeltis clavifer on, in Papua 4144
  Heteroptera on, in Nigeria 1528
  insects associated with, book on 651
  Marmara spp. on, in Nigeria 5171
  Megaceresium horni on, in Solomon Islands 5172
  Mussidia nigrivenella on, in Tanzania 2228
  Pansepta teleturga on, in New Britain 4144
  Pantorhytes albopunctulatus on, in Pap 4144
  P. plutus on, in New Britain 4144
  P. szentivanyi on, in Papua 4144
  Paraivongius spp. on, in Ivory Coast
  pests of
    book on 651
    in Brazil 2843
  Plectrophorus incertus on, in Brazil 1
  Pseudodoniella typica on, in New Brita 4144

ao *contd.*
  Pyrrhalta placida on, in Nigeria 3693
  ahlbergella singularis on, in Nigeria 1224, 2917
  Tiracola plagiata on, in Papua 4144
  Tragocephala castnia on, in Nigeria 5171
ao black pod disease (see also *Phytophthora palmivora*)
  pidemiology of, role of insects in 3870
ao (stored beans), pests of, book on 651
ao swollen shoot virus
  n
    Ferrisia virgata, in Nigeria 4365
    Planococcoides njalensis, in Nigeria 4365
  n West Africa 4365
aoensis, Tragocephala castnia
odylic acid (*see* Arsinic acid, dimethyl-)
coecia, on grape vine, in Turkey 4469
coecia podanus (see *Archips*)
coecia pronubana (see *Cacoecimorpha*)
coecia rosanus (see *Archips*)
oeciae, Trichogramma
coecimorpha pronubana
  ontrol of, γ-irradiation for 3493
  n Greece 933
  n Spain 4311
  n *Citrus,* in Spain 4311
  n *Hedera helix,* in Greece 933
  earing of, techniques for 933
ticans, Rhizoecus
dra cautella (see *Ephestia*)
dra figulilella (see *Ephestia*)
nosus, Dictyotus
rulea, Zicrona
esalpinea bocalla, *Caryedon* spp. on, in India 5147
sarion, Orthellia
spitum, Tetramorium
strum, Hypopota
ffeic acid (*see* 2-Propenoic acid, 3-(3,4-dihydroxyphenyl)-)
feina, Leucoptera
a, Arctia
anae, Erythroneura
janus cajan (pigeon pea)
  Amsacta moorei on 2111
  Callosobruchus chinensis on, in India 5147
  C. maculatus on, in India 5147
  C. theobromae on, in India 5147
  Clavigralla gibbosa on, in Madhya Pradesh 3235
  Erythroneura cajanae on, in Bangladesh 4049
  Heliothis armigera on, in Mysore 3125
  Lachnosterna consanguinea on, in India 4189
  Myllocerus undecimpustulatus on, in Rajasthan 1416
***janus cajan* flour**, *Tribolium castaneum* in 2124
***Cajanus cajan* (stored seeds)**, insect damage to, in India 1558
Cajanus indicus (see *C. cajan*)
Calabrese (*see* Cauliflower and broccoli)
Calacarus carinatus
  distribution maps of 3544
  in India 1529
  natural enemies of, in India 1529
  on tea, in India 1529
calamistis, Sesamia
Calamotropha strichito
  in Japan 1417
  seasonal abundance of 1417
calamus, Platypus
Calandra granarius (see *Sitophilus*)
Calandra oryzae (see *Sitophilus*)
calandrae, Anisopteromalus, (*Aplastomorpha*)
Calathus erratus
  in USSR 3944
  preying on, *Argyresthia conjugella,* in Lithuania 3944
Calathus fuscipes
  in USSR 3944
  preying on, *Argyresthia conjugella,* in Lithuania 3944
Calathus melanocephalus
  in USSR 3944
  preying on, *Argyresthia conjugella,* in Lithuania 3944
calcar, Leiobunum
calcaratus, Ips
calcaratus, Notoxus
calceatus, Emphytus, (*Allantus*)
calceatus, Odontopus
calceolariae, Pseudococcus
Calcite, in insecticidal dusts 2935
Calcium
  diet component for, *Pieris brassicae,* not affecting granulosis infection 3894
  in okra, effects on insect pests of 3220
  ion (Ca^{2+}), in *Heliothis zea* haemolymph 4090
Calcium chloride, not inhibiting insect feeding 2829
Calco Oil Blue RA, marker for *Spodoptera littoralis* 3551
Calco Oil Red N-1700, marker for *Spodoptera littoralis* 3551
Calendula officinalis (see Marigold)
Calephorus venustus, in Sudan 981
Calepitrimerus
  control of, acaricides for 574
  on *Diospyros kaki,* in Georgia (USSR) 574
Calepitrimerus vitis
  in Portugal 949
  in West Germany 5116
  on grape vine
    in Portugal 949
    in West Germany 5116

- ***Calepitrimerus vitis*** *contd.*
  - preyed on by
    - *Pronematus staerki,* in West Germany 5116
    - *Tydeus goetzi,* in West Germany 5116
- ***Cales noacki***
  - in Chile 576
  - parasitising, *Aleurothrixus floccosus,* and biological control using, in France 576, 4225
- **California**
  - *Acanthoscelides* spp. in 4546
  - *Aonidiella aurantii* in, on *Citrus* 3060
  - *A. citrina* in, on *Citrus* 4624
  - *Aphis fabae* in, on *Carthamus tinctorius* 3242
  - *A. gossypii* in 5049
  - *Aulacorthum solani* in 4197
  - *Brevicoryne brassicae* in
    - natural enemies of 604
    - on cabbage 604
    - on mustard 3762
    - on rape 3762
  - Cephidae in 303
  - *Chromaphis juglandicola* in, on walnut 1455
  - *Chrysopa carnea* in 348
  - *Codiosoma spadix* in, in timber 2421
  - *Coleotechnites* spp. in, on *Pinus* 692
  - *Cydia pomonella* in 1750
    - on pear 1468–1469
  - *Dendrocranulus* spp. in, on *Pinus* 4556
  - *Dioryctria reniculelloides* in 2511
  - *Enoclerus lecontei* in 4623
  - *Ephestia cautella* in, natural enemies of 5224
  - *E. figulilella* in, natural enemies of 5224
  - *Frankliniella occidentalis* in, on *Carthamus tinctorius* 3242
  - *Geocoris pallens* in, natural enemies of 4053
  - *G. punctipes* in, natural enemies of 4053
  - *Homoeosoma electellum* in, on *Carthamus tinctorius* 3242
  - *Hyadaphis erysimi* in
    - on mustard 3762
    - on rape 3762
  - *Icerya purchasi* in
    - natural enemies of 1584
    - on *Citrus* 1584
  - *Ips paraconfusus* in
    - natural enemies of 4231
    - on *Pinus* 4231
  - *Lygus elisus* in
    - on *Carthamus tinctorius* 3782
    - on cotton 3782
  - *L. hesperus* in
    - on *Carthamus tinctorius* 3242, 3782
    - on cotton 1520, 1524, 3782
    - on *Phaseolus lunatus* 4334
  - *Macrosiphum euphorbiae* in 4197
  - *Marmara* spp. in, on *Citrus* 579
- **California** *contd.*
  - *Myzus ornatus* in 4197
  - *Pectinophora gossypiella* in 4821
    - natural enemies of 4818
    - on cotton 78, 477, 4133, 4818
  - *Phryganidia californica* in, on *Quercus* 1193
  - *Pityophthorus* spp. in, on *Pinus* 4556
  - Platypodidae in 2255
  - *Plutella xylostella* in 2909
  - *Psylla pyricola* in, on pear 1469
  - *Rhagoletis indifferens* in, on cherry 11
  - *Rhyacionia buoliana* in 3271
  - Scolytidae in 2255
  - *Senecio jacobaea* in, *Longitarsus jacob* for biological control of 489
  - *Spodoptera exigua* in, on cotton 1520
  - *Temnochila virescens* in 4623
  - *Tetranychus pacificus* in, on cotton 11
  - *T. urticae* in, on *Carthamus tinctorius* 3242
  - *Tomicobia tibialis* in 4623
  - *Toxoptera aurantii* in 4729
  - *Trichogramma* spp. in 3490
  - *Trichoplusia ni* in 2909
    - natural enemies of 5166
    - on cotton 5166
- **California red scale** (see *Aonidiella aura*
- ***californica, Nuculaspis***
- ***californica, Phryganidia***
- ***californica, Plusia,*** (*Autographa*)
- ***californicum, Malacosoma***
- ***californicus, Brevipalpus***
- ***californicus, Chorinaeus***
- ***californicus, Leperisinus***
- ***californicus, Limonius***
- ***californicus, Tydeus***
- ***Caliothrips,*** on groundnut, in Cameroon 5151
- ***Caliothrips indicus***
  - control of, insecticides for 1917, 323
  - in India 1917, 3233
  - on pea, in Madhya Pradesh 1917, 32
- ***Caliroa cerasi***
  - biology of 3729
  - distribution of 3729
  - fungi in, in Lithuania 3948
  - in Chile 2800
  - in USSR 3948
  - taxonomy of 3729
- ***Caliroa limacina*** (see *C. cerasi*)
- ***callae, Rhizoglyphus***
- ***Callibaphus longirostris***
  - in Nigeria 1528
  - on cacao, in Nigeria 1528
- ***calligraphus, Ips***
- ***Callimorpha jacobaeae*** (see *Tyria*)
- ***calliphana, Zapyrasta***
- ***Calliptamus italicus***
  - biology of 4209
  - in Africa 4209
  - in USSR 2702

liptamus italicus *contd.*
- n *Papaver somniferum,* in Kirghizia 2702

lisphyris macropus, in Chile 2800

listo denticulella
- ontrol of, insecticides for 1895
- Bulgaria 1895

litris, *Tracholena homopolia* on, in Australia 3290

litula bicolor
- USA 1838
- arasitising, *Oscinella frit,* in Virginia 1838

losobruchus analis
- iology of 2406
- ontrol of, insecticides for 1178, 4402
- ıxonomy of
  - characters distinguishing *C. chinensis* and 2406
  - characters distinguishing *C. maculatus* and 2406

losobruchus chinensis
- iology of 2406, 3019–3020
- ontrol of
  - *Acorus calamus* oil for 783
  - insecticides for 2876, 3986
- India 4338, 5147
- Japan 900, 3019–3020
- *Cajanus cajan* seeds, varietal preferences of 723
- *Phaseolus vulgaris* seeds, resistance to 345
- stored soy beans, in Madhya Pradesh 4338
- n *Cajanus cajan,* in India 5147
- n *Cicer arietinum,* in India 5147
- n *Phaseolus aureus,* in India 5147
- n *Phaseolus mungo,* in India 5147
- n *Vigna unguiculata,* in India 5147
- hosphine in
  - factors affecting knockdown by 4950
  - knockdown dose of 2064
- C-b mutant of 900
- ıxonomy of
  - characters distinguishing *C. analis* and 2406
  - characters distinguishing *C. maculatus* and 2406

losobruchus maculatus
- iology of 2406, 4123
- ımigant susceptibility in, effects of diet on 3858
- India 5147
- Iran 4123
- *Cicer arietinum* seeds, resistance to 4400
- *Hibiscus cannabinus* seeds, unable to develop 2425
- n *Cajanus cajan,* in India 5147
- n *Cicer arietinum,* in India 5147
- n pea, in Iran 4123

Callosobruchus maculatus *contd.*
- on *Phaseolus aureus*
  - in India 5147
  - in Iran 4123
- on *Phaseolus lunatus,* in Iran 4123
- on *Phaseolus mungo*
  - in India 5147
  - in Iran 4123
- on *Vigna oligasterna,* in Iran 4123
- on *Vigna unguiculata*
  - in India 5147
  - in Iran 4123
- taxonomy of
  - characters distinguishing *C. analis* and 2406
  - characters distinguishing *C. chinensis* and 2406

Callosobruchus theobromae
- in India 5147
- on *Cajanus cajan,* in India 5147

callosus, Sitona

calloti, Metacemyia, (*Acemya*)

calobatus, Ephialtes
- (*Epiurus*)
- (*Scambus*)

Caloglyphus
- on *Labidura riparia,* in Egypt 5061
- parasitising, *Dynastes gideon,* in Uttar Pradesh 133
- preyed on by, *Cheyletus malaccensis* 3646

Caloglyphus berlesei
- feeding behaviour in 978
- nutrition of 978

Caloptilia syringella
- in Romania 4833
- on *Fraxinus,* in Romania 4833

calopus, Allograpta, (*Syrphus*)

Calosoma
- in Moldavia 3071
- preying on, *Lymantria dispar,* in Pennsylvania 5179

Calosoma auropunctatum
- in USSR 1023
- preying on, *Polyphylla irrorata,* in Kazakhstan 1023

Calosoma inquisitor
- in Spain 3279
- preying on, *Lymantria dispar,* in Spain 3279

Calosoma sycophanta
- in Spain 3279
- in USA 1844
- parasitising, *Lymantria dispar,* in Connecticut 1844
- preying on
  - *Lymantria dispar*
    - and biological control using, in Pennsylvania 5179
    - in Spain 3279

Calospilos miranda, control of, insecticides for 3396

Calotettix lais
- sp. n., description of 4552
- in Cook Islands 4552

Calotropis gigantea
- *Aphis nerii* on, in Egypt 1765
- *Danaus chrysippus* on, in Egypt 3144

***Calotropis gigantea* mosaic virus,** in, *Aphis nerii,* transmission of 3147

Calpe emarginata
- feeding activity in, effects of light on 381
- in Japan 381

Calpe excavata
- control of, orchard lighting for 2336
- in Japan 2336
- on orange, in Japan 2336

Calvolia transversostriata, in East Germany 1087

Calypticus hesperidum, taxonomy of 318

Calystegia sepium, natural enemies of, for possible biological control 5075

cambelli, Axiagastus

Cambodia
- *Amrasca devastans* in, on cotton 2370
- *Earias vittella* in, on cotton 2370
- *Heliothis armigera* in, on cotton 2370
- *Pectinophora gossypiella* in, on cotton 2370
- *Spodoptera litura* in, on cotton 2370
- Tephritidae in 2962

camelina, Lophopteryx (see *Ptilodon capucina*)

Camellia, *Fiorinia theae* on, in Alabama 3263

Camellia sinensis (see Tea)

Cameroon
- *Caliothrips* spp. in, on groundnut 5151
- cotton blue disease in 4417
- *Diparopsis watersi* in, natural enemies of 1393–1394
- *Haplothrips gallarum* in, on groundnut 5151
- *Sericothrips occipitalis* in, on groundnut 5151
- *Taeniothrips sjostedti* in, on groundnut 5151

Campanula, *Brachyunguis bimacula* on, in Afghanistan 859

campestris, Atherigona

campestris, Euxoa

campestris, Gryllus

Camphechlor (*see* Toxaphene)

Camphor (*see* Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-)

campinensis, Aclerda

Campoletis perdistincta, taxonomy of, parasite of *Heliothis armigera* in India misidentified as 3124

Campoletis sonorensis
- development in
  - effects of host viruses on 4894
  - effects of JH mimics on 5073
- in USA 3311, 5059

Campoletis sonorensis *contd.*
- *Nosema campoletidis* in 3335
  - in North Carolina 3311
- *N. heliothidis* in 3311, 3335
- parasitised by
  - *Spilochalcis hirtifemora,* in North Carolina 5059
  - *S. side,* in North Carolina 5059
- parasitising
  - *Heliothis virescens* 3311, 3335, 489 5073
    - in North Carolina 5059
  - *H. zea* 3311, 3335
    - in North Carolina 5059

Camponotus
- control of 4693
- in New South Wales 4693
- mandibular gland secretions in 3112
- preying on, *Reticulitermes flavipes* 11

Camponotus acvapimensis, cacao black p disease, role of, in 3870

Camponotus herculeanus
- Dufour's gland in, secretion of 3003
- β-radiation detection by 1824
- X-ray detection by 1824

Camponotus intrepidus
- Dufour's gland in, secretion of 1373
- venom of 1373

Camponotus ligniperda, Dufour's gland i secretion of 3003

Camponotus vagus, separation from nest material 4670

Campoplex validus, parasitising, *Hyphan cunea* 3643

Campsis radicans, *Amblyseius fallacis* feeding on pollen of 3126

Camptomyia strobi
- in Czechoslovakia 5192
- on *Picea abies,* in Czechoslovakia 51

Campylomma verbasci, in Poland 563

Canada (*see also* individual Provinces)
- *Ambrosia artemisiifolia* in, biological control of 3146
- *A. trifida* in, biological control of 31
- biological control in 2918
- *Choristoneura fumiferana* in 1969
- *Euxoa* spp. in 2509
- forest pests in 2386
- forests in, pest control in 4852
- Hemiptera in 861
- *Hypera* spp. in 3531
- *Myrmica sabuleti* in 443
- pest control in 556
- *Pinus* in, pests of 5201
- *Rheumaptera hastata* in 296
- *R. subhastata* in 296
- Rhopalocera in 4638
- *Senecio jacobaea* in, *Hylemya seneciel* for biological control of 1400
- *Winthemia* spp. in 2088

canadensis, Argyresthia

canadensisella, Bucculatrix

ary Islands
phids in 846
Myzus persicae in, on *Phaseolus vulgaris* 1206
Opogona sacchari in, on banana 2378
rthopteroidea in 2984
Tetranychus urticae in, on *Phaseolus vulgaris* 1206
icriformis, Gasteracantha
idefacta, Tarachidia
idida, Folsomia
idida, Saperda
nephora asiatica, control of, insecticides for 3396
nephora unicolor
iology of 4728
n Italy 4728
nescens, Devorgilla
Exidechthis)
Venturia)
nfeclor (*see* Toxaphene)
nis familiaris (see Dogs)
nna indica, *Orgyia mixta* on, in Angola 2147
nnabis, Myzus, (*Phorodon*)
nnabis sativa (see Hemp)
ntaloupe (*see* Melon (cantaloupe and musk))
nacis, Cenopalpus
nensis, Acantholepis
nensis, Xyleutes
pitata, Ceratitis
pitata, Limotettix, (*Cicadulina*)
pito, Locusta migratoria
pitophorus
n North America 4557
axonomy of 4557
pitophorus braggi
n USA 89
on maize, in Mississippi 89
pitophorus elaeagni
n Australia 2827
on *Carthamus tinctorius,* in Queensland 2827
pitophorus hippophaes
light activity in 4186
n UK 4186–4187
anding response in 4187
raps for 4186
pitophorus horni
Entomophthora aphidis in, in France 1392
E. planchoniana in, in France 1392
in France 1392
on *Cynara scolymus,* in France 1392
parasitised by
  Aphidius matricariae, in France 1392
  Praon flavicorne, in France 1392
pnodis, in Iran 2961
pnodis cariosa
in Turkey 4480
on *Pistacia vera,* in Turkey 4480
Capnodis cariosa hauseri
  in Iran 2961
  on *Pistacia vera,* in Iran 2961
Capnodis miliaris
  in Iran 2961
  in Italy 3818
  on *Populus*
    in Iran 2961
    in Italy 3818
Capnodis tenebrionis
  in Iran 2961
  on fruit trees, in Iran 2961
capparidis, Coccus
Capsella bursa-pastoris, *Macrosiphum avenae* on, in England 4733
capsicivorum, Symmetrischema
Capsicum
  Agistemus exsertus on, in Egypt 540
  Aphis spp. on, in Turkey 4442
  Epicauta aethiops on, in Sudan 369
  insecticides in, bioassay for 4174
  Ostrinia nubilalis on, in Delaware 3781
  pests of, in Turkey 4443
Capsicum annuum
  Agrotis ipsilon on, in Turkey 4448
  Bemisia tabaci on, in Sudan 939
  Eriophyes kuko on, in South Korea 2823
  Lachnosterna consanguinea on 4189
  Symmetrischema capsicivorum on, in Peru 4805
***Capsicum* extract,** *Spodoptera littoralis* feeding responses to 4674
Capsicum frutescens
  Aspidomorpha miliaris on, in Philippines 2360
  pepper veinal mottle virus in
    in Ghana 2429
    in Ivory Coast 2429
capsicum, Symmetrischema
capsiformis, Nabis
Captafol (*see* 1*H*-Isoindole-1,3(2*H*)-dione, 3a,4,7,7a-tetrahydro-2-[(1,1,2,2-tetrachloroethyl)thio]-)
Captan (3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-1*H*-isoindole-1,3(2*H*)-dione)
  in apple, determination of 3051
  in apricots, residues of 1613
  in *Citrus,* effects on mites of 3744
  in entomopathogenic fungi, effects of 4969
  in *Phytoseiulus persimilis,* effects of 2268
  with Dursban, in *Phaseolus lunatus,* toxicity of 3227
captiosus, Oxyacanthus, (*Spinococcus*)
Capua reticulana (see *Adoxophyes orana*)
capucina, Ptilodon
Carabidae
  colonisation of new territory by 5027
  in soil, effects of fumigants on 1592
  marking of 4170

- **Carabidae** *contd.*
  - preying on, *Thecodiplosis japonensis,* in South Korea 2655
- ***Carabus***
  - in Moldavia 3071
  - marking of 4170
- ***Carabus nemoralis***
  - in USSR 3944
  - preying on, *Argyresthia conjugella,* in Lithuania 3944
- ***Carapa guianensis,*** *Hypsipyla ferrealis* on, in Costa Rica 3267
- ***Carassius auratus,*** DDT in, effects of 4979
- **Carbamates,** acetylcholinesterase inhibition related to structure of 1618
- **Carbamic acid**
  - ethyl ester, homopolymer
    - aldicarb slow-release formulations in granules of 3923
    - insect damage to sheets of 3865
- **Carbamic acid, [1-[(butylamino)carbonyl]-1*H*-benzimidazol-2-yl]-**
  - methyl ester (benomyl)
    - against
      - *Aceria sheldoni* 3744
      - *Cecidophyopsis ribis* 5115
      - leaf-cutting ants 1819
      - powdery mildew 4906
      - *Tetranychus urticae* 4000
    - diet component for, *Hypera postica* 4661
    - formulations of 4000
    - in *Encarsia formosa,* effects of 1020
    - in entomopathogenic fungi, effects of 4969
    - in *Stethorus nigripes,* toxicity of 4532
    - in *Trichogramma cacoeciae,* effects of 1006
- **Carbamic acid, (3-chlorophenyl)-**
  - 1-methylethyl ester
    - in plants
      - effects of insecticides on metabolism of 1218
      - effects on insecticide metabolism of 1219
    - in potatoes, effects of processing on residues of 1640
- **Carbamic acid, [[(diethoxyphosphinothioyl)thio]acetyl]methyl-,** ethyl ester (*see* Mecarbam)
- **Carbamic acid, [[(dimethoxyphosphinothioyl)thio]acetyl]methyl-**
  - phenyl ester
    - against
      - *Aphis pomi* 1899
      - *Argyrotaenia velutinana* 1899
      - *Choristoneura rosaceana* 1899
      - *Cydia pomonella* 1899
      - *Platynota idaeusalis* 1899
      - *Typhlocyba pomaria* 1899
    - in *Stethorus punctum,* toxicity of 1899
- **Carbamic acid, dimethyl-**
  - 1-[(dimethylamino)carbonyl]-5-methyl-1 pyrazol-3-yl ester (*see* Dimetilan)
  - 2-(dimethylamino)-5,6-dimethyl-4-pyrimidinyl ester (*see* Pirimicarb)
  - 2-(1,3-dithiolan-2-yl)phenyl ester, again *Phytomyza horticola* 5145
  - 3-methyl-1-(1-methylethyl)-1*H*-pyrazol- yl ester (*see* Isolan)
  - 6-methyl-2-propyl-4-pyrimidinyl ester, i papaya, toxicity of 594
- **Carbamic acid, hydroxymethyl-, 1-** naphthalenyl ester, chromatography o 2060
- **Carbamic acid, (hydroxymethyl)-, 1-** naphthalenyl ester, determination of 1621
- **Carbamic acid, [[(methoxymethylphosphi hioyl)thio]acetyl]methyl-**
  - methyl ester (mecarphon)
    - against, *Psila rosae* 4797
- **Carbamic acid, methyl-**
  - 3-methylphenyl ester
    - against, *Nephotettix cincticeps* 120
    - in rats, teratological effects of 2472
    - with malathion, in *Laodelphax striatella,* insecticide resistance induced by 3485
- **Carbamic acid, phenyl-,** 1-methylethyl est
  - in potatoes, effects of processing on residues of 1640
- **Carbamic acid, [1,2-phenylenebis(iminoca onothioyl)]bis-**
  - diethyl ester (thiophanate)
    - in *Citrus,* effects on mites of 3744
  - dimethyl ester (thiophanate-methyl)
    - against
      - *Cladosporium cucumerinum* 357
      - *Tetranychus urticae* 3572
- **Carbamothioic acid,** *S,S'*-[2-(dimethylami 1,3-propanediyl] ester (*see* Cartap)
- **Carbamothioic acid, cyclohexylethyl-**
  - *S*-ethyl ester (cycloate)
    - with disulfoton, in sugar-beet, effects 4012
- **Carbamothioic acid, dipropyl-**
  - *S*-ethyl ester
    - sterilant for, *Spodoptera littoralis* 3
    - with insecticides 3773
- **Carbamult** (*see* Promecarb)
- **Carbaril** (*see* Carbaryl)
- **Carbaryl** (1-naphthalenyl methylcarbama
  - against
    - *Aeneolamia postica* 497
    - *Aglaope infausta* 3187
    - *Amitermes desertorum* 261
    - *Amrasca devastans* 3251, 3259, 435
    - *Anarsia lineatella* 4300
    - *Anthonomus piri* 568
    - *Anticarsia gemmatalis* 4794
    - *Aphis craccivora* 3803
    - *A. gossypii* 3798, 3803, 4358

arbaryl *contd.*
against *contd.*
  Athalia lugens 774
  Aulacophora atripennis 2055
  A. foveicollis 2055
  Bemisia tabaci 1131, 3251
  Blissus leucopterus 143
  Callosobruchus analis 4402
  Cavelerius saccharivorus 757
  Ceratitis capitata 2933
  Ceutorhynchus assimilis 1502
  Chilo agamemnon 1071, 4269
  C. partellus 132
  Chironomus spp. 2295
  Chloropulvinaria floccifera 4366, 4484
  Cnaphalocrocis medinalis 3168
  Contarinia sorghicola 4275
  Copitarsia spp. 5141
  Curculio nucum 4479
  Cydia funebrana 175
  C. pomonella 1094, 4296
  C. pyrivora 3737
  Dasineura brassicae 1502
  Dermestes ater 2483
  Drosophila melanogaster 2933, 3996
  Earias insulana 1607, 2830, 3259, 3787, 3797, 4358, 4810
  E. vittella 3259, 4358
  Empoasca spp. 1131
  E. fabae 1495
  Epilachna varivestis 4794
  Epitrix hirtipennis 1949
  E. tuberis 2818
  Etiella zinckenella 1120
  Euchrysops cnejus 2353
  Euproctis lunata 636
  Eurygaster spp. 1203
  grasshoppers 982
  Harrisina americana 2587
  Heliothis armigera 630, 2353–2354, 4358, 4900, 4918
  H. virescens 1949, 5170
  H. zea 4794
  Helopeltis antonii 1888
  Henosepilachna vigintioctopunctata 1228, 3780
  Hodotermes mossambicus 275, 776
  Hylemya antiqua 629
  Hypera postica 1443
  Lachnosterna consanguinea 4189
  Laodelphax striatella 3484–3485
  Leptinotarsa decemlineata 203, 3573, 4001–4002
  Leucinodes orbonalis 4349
  Lobesia botrana 4475
  Lymantria dispar 2391
  Mamestra brassicae 3768
  Maruca testulalis 2353
  Meligethes aeneus 1502
  Myllocerus undecimpustulatus 3251
  Myzus persicae 1131, 1495, 1949
  Nephotettix cincticeps 1200

Carbaryl *contd.*
against *contd.*
  Nephotettix contd.
  N. virescens 4267
  Nezara viridula 4750
  Oebalus poecilus 2298
  Omphisa anastomosalis 4802
  Orosius albicinctus 637
  Ostrinia nubilalis 131, 1071, 1414, 4745
  Oxycetonia jucunda 759
  Papilio demoleus 1472
  Paradesmus gracilis 2229
  Parametriotes theae 4483
  Pectinophora gossypiella 2830, 3259, 3787, 3797, 4358, 4810
  pests of cotton 1140, 3785, 3789
  pests of rape 2805
  pests of rice 4263
  pests of sorghum 4275
  Phthorimaea operculella 1131, 1495, 1923, 2819
  Phytomyza horticola 1120, 4335
  Plathypena scabra 4794
  Plusia chalcites 2353
  Plutella xylostella 5141
  Podagrica puncticollis 1136
  Popillia japonica 258
  Prays oleae 1104
  Pyrilla perpusilla 499, 1034
  Quadraspidiotus perniciosus 1458
  Rhizoecus cacticans 1147
  Saissetia oleae 3755–3756
  Scaphoideus littoralis 2767
  Sesamia cretica 1071
  S. nonagrioides 4745
  Sibine spp. 4285
  Sitona humeralis 4948
  Spodoptera frugiperda 5092
  Taniva albolineana 3841
  Tetranychus urticae 3797
  Thrips tabaci 629, 1131, 1495
  Trichoplusia ni 5141
  Trirhabda adela 2483
  Tryporyza incertulas 4269
derivatives of, mass spectra of 2061
determination of 4642
formulations of 4002
in *Agrotis segetum,* effects of 277
in *Amblyseius aberrans,* toxicity of 2946
in bean, determination of 1623
in *Beauveria bassiana,* toxicity of 2440
in bee bread, residues of 4981
in bees
  residues of 4981
  toxicity of 2805
in *Bombyx mori,* metabolism of 802
in cabbage, effects of 3768
in cacao plantations, non-target effects of 5171
in *Chrysopa rufilabris,* toxicity of 4970

Carbaryl *contd.*
  in *Coccinella septempunctata,* toxicity of 1120
  in cotton, uptake of 2953
  in *Coturnix coturnix,* effects of 4961
  in *Diparopsis castanea,* effects of 4119
  in *Drosophila melanogaster,* effects of 3997
  in eggs, residues of 1648
  in *Entomophthora,* toxicity of 2440
  in fowls, residues of 1648
  in grape vine, effects of 4472, 4474
  in grapes, residues of 4475
  in *Hadena sordida,* effects of 277
  in honey, residues of 4981
  in *Lymantria dispar,* effects of 277, 346, 4104
  in *Malacosoma neustria,* effects of 346, 4104
  in *Mamestra brassicae,* effects of 277, 346
  in *Menochilus sexmaculatus,* toxicity of 1120
  in *Metarhizium anisopliae,* toxicity of 2440
  in orchards, effects on birds of 3406
  in *Phaseolus aureus,* toxicity of 1638
  in *Philonthus fuscipennis,* toxicity of 1502
  in *Pimpla naranyae,* toxicity of 2296
  in plants
    effects of herbicides on metabolism of 1219
    effects on herbicide metabolism of 1218
  in *Poekilocerus pictus,* effects of 4951
  in rats
    effects of 4538
    metabolism of 1649
  in rice, toxicity of 4269
  in soil
    non-target effects of 4726
    persistence of 2075
  in *Spodoptera littoralis,* effects of 4004, 4508
  in *Stethorus nigripes,* toxicity of 4532
  in *Stethorus punctum,* toxicity of 2932
  in *Tachyporus hypnorum,* toxicity of 1502
  in tea, residues of 4484
  in tomato, determination of 1623
  in *Tribolium castaneum,* effects of 2944
  in *Yponomeuta padellus,* effects on haemocytes of 3951
  metabolites of
    determination of 1621
    mass spectra of 2061
  resistance to, in
    Amblyseius fallacis 1389
    Leptinotarsa decemlineata, in Austria 2036

Carbaryl *contd.*
  synergists for, piperonyl butoxide as 2483
  with *Bacillus thuringiensis,* in *Yponomeuta padellus,* effects on haemocytes of 3951
  with γ-BHC
    against
      Hydrellia philippina 523–524
      pests of rice 4262–4263
      Tryporyza incertulas 524
  with DDT, against, pests of cotton 15 1940, 4817
  with DDT, and endrin, against, pests of cotton 2370
  with DDT, methyl-parathion, and toxaphene, against, pests of cotton 2370
  with fenitrothion, and methomyl, in *Laodelphax striatella,* insecticide resistance induced by 3485
  with malathion, in *Laodelphax striatella* insecticide resistance induced by 3
  with methyl-parathion
    against
      Epitrix hirtipennis 1949
      Heliothis virescens 1949
      Myzus persicae 1949
      Spodoptera littoralis 3777
  with molasses
    against
      Diparopsis castanea 4817
      Ennomos subsignarius 1898
      Epitrix hirtipennis 1949
      Heliothis armigera 4817
      H. virescens 1949
      Lymantria dispar 1898
      Myzus persicae 1949
      pests of cotton 4817
  with phosalone
    against
      Earias insulana 3797
      Pectinophora gossypiella 3797
      Tetranychus urticae 3797
    in *Lymantria dispar,* effects of 4104
    in *Malacosoma neustria,* effects of 4104
  with phosmet
    in *Lymantria dispar,* effects of 4104
    in *Malacosoma neustria,* effects of 4104
Carbicron (*see* Dicrotophos)
Carbofos (*see* Malathion)
Carbofuran (2,3-dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate)
  acetylcholinesterase inhibition by 2483
  against
    Athalia lugens 2808
    Atherigona soccata 1049, 1061–106
    Bagrada hilaris 2808
    Ctenicera aeripennis 1920
    Diatraea grandiosella 2724

arbofuran *contd.*
  against *contd.*
    Drosophila melanogaster 4959
    Elasmopalpus lignosellus 1876
    Eotetranychus hicoriae 3721
    Epilachna varivestis 3773
    Epitrix tuberis 2818
    Folsomia candida 1626
    Hyadaphis erysimi 2808
    Hylemya antiqua 629
    H. platura 3227
    Hylobius pales 1961
    Hyperodes humilis 1041
    Lachnosterna crinita 125
    Limonius californicus 1920
    Lygus hesperus 4334
    Marmara spp. 579
    mole-crickets 2249
    Monellia spp. 3721
    Odontopus calceatus 1963
    Oligonychus indicus 4527
    Ostrinia nubilalis 3781
    Pachylobius picivorus 1961
    Panonychus ulmi 2924
    pests of rice 4263
    Psila rosae 4797
    Rhizoecus americanus 3812
    Rhyacionia frustrana 1962
    Scutigerella immaculata 4007
    Sphenophorus spp. 1876
    Tetranychus urticae 784
    thrips 1931
    Thrips tabaci 629
    Undulambia polystichalis 1146
  in cabbage, determination of 3548
  in carrot, residues of 4797
  in *Culex pipiens,* toxicity of 2485
  in honey bees, toxicity of 2485
  in *Lumbricus terrestris*
    metabolism of 4963
    toxicity of 4963
  in mice, toxicity of 2485
  in *Musca domestica,* toxicity of 2485
  in plants, effects on herbicide metabolism of 1218
  in potato, residues of 2818
  in rats, toxicity of 2485
  in soil, persistence of 1626
  in soy bean, effects of 4339
  in tobacco, metabolism of 2929
  phytotoxicity of 3812
  resistance to, in, *Diatraea saccharalis* 1595
  synergists for, atrazine as 4959
  with *S*-ethyl dipropylcarbamothioate 3773
  with fungicides 1064
Carbofuran, 3-hydroxy- (*see* 3,7-Benzofurandiol, 2,3-dihydro-2,2-dimethyl-, 7-(methylcarbamate))
Carbofuran, 3-keto- (*see* 3(2*H*)-Benzofuranone, 2,2-dimethyl-7-[[(methylamino)carbonyl]oxy]-)
Carbohydrates
  in *Malacosoma americanum,* relation of coldhardiness, diapause and 4125
  in mango, not related to susceptibility to *Mycetaspis personata* 2790
Carbolic acid (*see* Phenol)
Carbon, activated, sunlight protectant for *Pieris rapae* granulosis virus 4501
Carbon dioxide
  against, pests of stored maize 1979
  in *Corcyra cephalonica,* effects on larval heart of 1699
  in *Dacus tryoni,* mortality from anaesthesia with 2341
  in *Drosophila melanogaster*
    effects of anaesthesia with 1603
    mortality from anaesthesia with 2116
  in *Ephestia cautella,* stimulating eclosion 3525
  in insects, JH activity of 1724
  in *Plodia interpunctella*
    effects on egg-hatch of 4936, 5022
    effects on fecundity of 5022
    stimulating eclosion 3525
  in soil, effects on arthropods of 2166
  with bromomethane, fumigant for, stored wheat 1221
Carbon disulfide
  against
    Achroia grisella 5249
    Ephestia kuehniella 271
    Sitophilus oryzae 271
    Sitotroga cereallela 271
    Tenebroides mauritanicus 4592
    Tribolium castaneum 271, 2056
  combustion products of, for killing catches in light-traps 1800
Carbon tetrachloride (*see* Methane, tetrachloro-)
carbonarius, Macrotermes
Carbonic acid
  calcium salt (1:1), in termite mounds, accumulation of 3142
  dipotassium salt, effects on *Mythimna unipuncta* nuclear polyhedrosis virus of 1187
  disodium salt
    effects on *Mythimna unipuncta* nuclear polyhedrosis virus of 1187
    for digesting *Trichoplusia ni* nuclear polyhedrosis virus 242
  1-methylethyl 2-(1-methylpropyl)-4,6-dinitrophenyl ester (*see* Dinobuton)
  1-methylethyl 3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester, against, *Tetranychus urticae* 270
Carbophenothion (*S*-[[(4-chlorophenyl)thio]methyl] *O,O*-diethyl phosphorodithioate)

- **Carbophenothion** *contd.*
  - against
    - *Agrotis ipsilon* 1371
    - *Bemisia tabaci* 1131
    - *Blissus leucopterus* 143
    - *Brevipalpus californicus* 1107, 3214
    - *Chrysomphalus aonidum* 583
    - *Empoasca* spp. 1131
    - *Eutetranychus orientalis* 583, 1107
    - *Henosepilachna vigintioctopunctata* 1228
    - *Lepidosaphes beckii* 583, 1107
    - *Myzus persicae* 1131
    - *Oligonychus indicus* 4527
    - *Panonychus ulmi* 1093
    - *Parasaissetia nigra* 1107
    - pests of cotton 4358
    - *Phthorimaea operculella* 1131
    - *Rhopalosiphum maidis* 1873
    - *Schizaphis graminum* 1873
    - *Tetranychus urticae* 784, 1206
    - *Thrips tabaci* 1131, 1137, 1202, 2835
  - in *Chrysopa rufilabris,* toxicity of 4970
  - in soil, insecticidal activity of 1226
  - in squash, residues of 4327
  - in *Stethorus nigripes,* toxicity of 4532
  - with mevinphos, against, *Empoasca flavescens* 2767
  - with oil emulsion
    - against
      - *Brevipalpus californicus* 1107
      - *Chrysomphalus aonidum* 583
      - *Eutetranychus orientalis* 583, 1107
      - *Lepidosaphes beckii* 583, 1107
      - *Parasaissetia nigra* 1107
- **Carbophos** (*see* Malathion)
- **Carboxin** (*see* 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-*N*-phenyl-)
- **Carboxylic acids,** in *Gilpinia hercyniae* diet, utilisation of 3824
- ***Carcelia evolans***
  - biology of 1394
  - descriptions of 1393
  - in Cameroon 1393–1394
  - in Chad 1393
  - in Nigeria 1393
  - in Réunion 5187
  - parasitising
    - *Diparopsis watersi* 1393–1394
    - *Papilio demodocus* 5187
    - *Polydesma umbricola,* in Réunion 5187
- ***Cardiaspina albitextura***
  - in Australia 5183
  - on *Eucalyptus,* damage caused by 5183
- ***Cardiaspina densitexta,*** faeces of, amylose in 353
- ***cardinalis, Rodolia***
- ***Cardiochiles fulvus***
  - in India 2316
  - parasitising, *Sylepta lunalis,* in Madhya Pradesh 2316
- ***Cardiochiles nigriceps***
  - avoidance of encapsulation by 1989
  - development in, effects of JH mimics on 5073
  - Dufour's gland in, source of pheromone for marking hosts 2564
  - in USA 3555
  - *Nosema cardiochilis* in 3311, 3335
  - *N. heliothidis* in 3311
  - parasitising
    - *Heliothis virescens* 3135, 3311, 3335 3555, 4226, 5073
      - distinguishing parasitised hosts 25
    - *H. zea* 16, 3311, 3335
  - rearing of, techniques for 3555
  - teratocytes of, juvenile hormone activity 4226
- ***cardoni, Myllocerus***
- ***cardui, Brachycaudus***
- ***cardui, Cynthia,*** (*Vanessa*)
- **Δ^3-Carene** (*see* Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl-)
- **3-Carene** (*see* Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl-)
- ***Carex riparia, Nascia cilialis*** on 1927
- **Carfene** (*see* Phosmet)
- **Caribbean region,** Agromyzidae in 2960
- **Caribbean Sea,** fauna in, pesticide residues in 2492
- ***Carica papaya***
  - acaricides in, toxicity of 594
  - *Brevipalpus phoenicis* on, in Hawaii 3503
  - *Hanseniella* spp. on, in Brazil 1109
  - insecticides in, toxicity of 594
  - papaya distortion ringspot virus in, in Venezuela 2792
  - *Solanasca dominica* on, in Dominica 2091
  - *Toxotrypana curvicauda* on, in Venezue 5137
  - virus diseases of 2791–2792
- ***caridei, Acridiophaga,*** (*Servaisia*)
- ***carinatus, Calacarus***
- ***carinifer, Diaparsis***
- ***cariosa, Capnodis***
- ***Caripeta divisata,*** nuclear polyhedrosis vir in 26
- ***carlinae, Larinus***
- ***carnea, Chrysopa***
- **Carnitine** (*see* 1-Propanaminium, 3-carbox 2-hydroxy-*N,N,N*-trimethyl-, hydroxide inner salt)
- **Carnivoroids,** definition of 3653
- **Carob** (see *Ceratonia siliqua*)
- ***carotae, Napomyza***
- **Carotenes,** in mango, not related to susceptibility to *Mycetaspis personata* 2790
- **Carpenterworm** (see *Prionoxystus robiniae*
- ***Carphoborus boswelliae***
  - in India 705

- ***arphoborus boswelliae*** *contd.*
  - on *Boswellia serrata,* in India 705
  - taxonomy of, *Carphoborus latus* as synonym of 705
- ***arphoborus costatus***
  - in India 705
  - on *Pinus excelsa,* in India 705
  - on *Pinus longifolia,* in India 705
- ***arphoborus latus,*** taxonomy of, synonym of *C. boswelliae* 705
- ***arphoborus perrisi,*** distribution of 705
- ***arphoborus zhobi***
  - in India 705
  - in Pakistan 705
  - on *Pinus gerardiana*
    - in Himachal Pradesh 705
    - in Pakistan 705
- ***arpinus betulus,*** *Tortrix viridana* on, in West Germany 4690
- ***arpocapsa pomonella*** (see *Cydia*)
- ***arpoglyphus lactis***
  - hypopial stage in 966
  - in Taiwan 1180
  - in sugar, in Taiwan 1180
- ***arpomyia vesuviana***
  - control of, insecticides for 4316
  - in India 4316
  - on *Ziziphus jujuba,* in Rajasthan 4316
- ***arpophilus dimidiatus,*** control of, γ-irradiation for 4907
- ***arpophilus hemipterus,*** *Ceratocystis paradoxa* in, transmission of 4735
- ***arposina sasakii***
  - in USSR 5123
  - on apple, in Maritime Province 5123
  - on apricot, in Maritime Province 5123
  - on pear, in Maritime Province 5123
  - on plum, in Maritime Province 5123
- **arrot** (*Daucus carota*)
  - *Acheta domesticus* on, rearing of 1793
  - carbofuran in, residues of 4797
  - *Cavariella* spp. on, in New South Wales 4192
  - *C. aegopodii* on, in New Zealand 4856
  - chlordane in, residues of 4021
  - chlorfenvinphos in, residues of 3609
  - diazinon in, residues of 3609
  - *Dysaphis crataegi* on, in Turkmenia 1110
  - fensulfothion in, residues of 4797
  - insecticides in, bioassay for 4174
  - *Listronotus oregonensis* on, rearing of 3568
  - *Macrosteles fascifrons* on, in Washington 1323
  - *Napomyza carotae* on, in West Germany 1124
  - phorate in, residues of 2054
  - *Psila rosae* on 2817
    - in Belgium 3608
    - in British Columbia 4797
    - in England 4955
- **Carrot** *contd.*
  - *Psila rosae* on *contd.*
    - in France 4500
    - in Turkey 4444
    - in UK 2358
  - thionazin in, residues of 4797
  - trichloronate in, residues of 3609
  - *Trioza apicalis* on, damage caused by 4870
- **Carrot baby food,** diet component for, *Lobesia botrana* 32
- **Carrot motley dwarf virus,** in, *Cavariella aegopodii,* in New Zealand 4856
- **Carrot powder**
  - diet component for
    - *Ceratitis capitata* 2933
    - *Drosophila melanogaster* 2933
- **Carrot (stored roots)**
  - diazinon in, residues of 4798
  - pesticides in, effects of processing on residues of 1640
  - trichloronate in, residues of 4798
- ***Carsia fistula,*** *Lachnosterna consanguinea* on, in India 4189
- **Cartap** (*S,S′*-[2-(dimethylamino)-1,3-propanediyl] dicarbamothioate)
  - against
    - *Chilo suppressalis* 2730
    - *Leptinotarsa decemlineata* 3573
    - Pentatomidae 126
    - pests of rice 4263
- ***Carthamus tinctorius*** (see Safflower)
- ***Carya illinoensis*** (see Pecan)
- ***caryae, Acrobasis***
- ***caryae, Curculio***
- ***Caryedon***
  - on *Caesalpinea bocalla,* in India 5147
  - on *Vigna unguiculata,* in India 5147
- ***Caryedon gonagra*** (see *C. serratus*)
- ***Caryedon serratus***
  - development in, effects of JH mimics on 1730
  - in India 724
  - in *Acacia farnesiana* seeds, in Mysore 724
  - in stored groundnuts, varietal preferences of 1550
  - in *Tamarindus indica* seeds, in India 724
  - on *Acacia arabica,* in Rajasthan 724
  - on *Acacia farnesiana,* in Rajasthan 724
- **Carzol** (*see* Formetanate)
- ***casei, Piophila***
- **Casein hydrolysate**
  - bait-spray component for, *Rhagoletis fausta* 2332
  - diet component for, *Cryptophlebia leucotreta* 4814
- **Caseins**
  - diet component for
    - *Chilo auricilius* 4094
    - *Dectes texanus* 85
    - *Diatraea saccharalis* 3064

- **Caseins** *contd.*
  - diet component for *contd.*
    - *Epiphyas postvittana* 4663
    - *Hypera postica* 4661
    - *Lymantria dispar* 1351
    - *Ostrinia nubilalis* 1353
    - *Pieris brassicae,* effects on granulosis infection of 3894
    - *Sitophilus granarius* 1702
  - in soil, effects on insecticide persistence of 4027
- ***caseyi, Hippodamia***
- **Cashew** (see *Anacardium occidentale*)
- ***cassatus, Aphidencyrtus***
- **Cassava** (*Manihot esculenta*)
  - *Mononychellus tanajoa* on, in Uganda 4803
  - *Orthoporus fuscipes* on, in Brazil 3240
  - *Zonocerus variegatus* on, in Nigeria 3631
- ***Cassida nebulosa***
  - in USSR 4342
  - on sugar-beet, in Siberia 4342
- ***cassidea, Chelymorpha***
- ***cassinii, Magicicada***
- ***castanea, Diparopsis***
- ***castanea, Maladera***
- ***castaneae, Phragmataecia***
- ***castaneum, Tetropium***
- ***castaneum, Tribolium***
- ***castaneus, Scaptocoris***
- ***castelbrancoi, Saotomaspis,*** (described as *Parandaspis*)
- ***castigator, Amblyteles***
- ***Castnia dedalus*** (see *Lapaeumides*)
- ***castnia, Tragocephala***
- **Castor** (see *Ricinus communis*)
- ***Casuarina* (timber)**
  - *Anacanthotermes ochraceus* in, in Egypt 3862
  - *Psammotermes fuscofemoralis* in, in Egypt 3862
- ***Catacrobasis obtusella***
  - in Hungary 1084
  - on pear, in Hungary 1084
- **Catalase**
  - in *Eriophyes kuko* galls on *Lycium chinense* 2824
  - in grape vine, effects of *Erythroneura adanae* on 551
  - in *Hadena sordida* larval haemolymph, effects of crowding on activity of 1404
  - in maize, effects of insecticide-fertilizer mixtures on 2042
- ***catalaunalis, Antigastra***
- ***Cataulacus,*** taxonomy of 2507
- **Catecholamines**
  - in *Locusta migratoria* heart and c.n.s., determination of 3630
  - in *Schistocerca gregaria* nerve fibres 4093
- ***cathariae, Heterogaster***
- ***Cathartus quadricollis***
  - in Nigeria 3853
  - in *Hibiscus cannabinus* seeds, unable to develop 2425
  - in stored maize, in Nigeria 3853
- ***Catochrysops cnejus*** (see *Euchrysops*)
- ***Catolaccus aeneoviridis***
  - hyperparasitising
    - *Heliothis virescens* 3335
    - *H. zea* 3335
  - in USA 5059
  - Microsporidia in 3335
  - parasitising
    - *Apanteles congregatus,* in North Carolina 5059
    - *Nythobia insularis,* in North Carolina 5059
- ***Catopyla dysorphnaea***
  - in Nigeria 4842
  - on Meliaceae, in Nigeria 4842
- **Cattle** (*Bos taurus*)
  - carbofuran in, toxicity of 2485
  - dieldrin in, residues of 2928
  - dimethoate in, residues of 2488
  - tetrachlorvinphos in, metabolism of 292
- ***caudata, Phryxe,*** (*Ceratochaeta*)
- ***caudata, Tettigonia***
- ***caudatus, Dacus***
- **Cauliflower and broccoli** (*Brassica olerace* var. *botrytis*)
  - *Bemisia tabaci* on, in Egypt 1003
  - γ-BHC in, residues of 5253
  - *Chiloloba acuta* on, in Rajasthan 2224
  - DDT in, residues of 5253
  - *Hylemya brassicae* on
    - in Belgium 1196, 2348, 3611
    - in England 605, 3223
    - in France 4500
    - in UK 1483
  - *Lipaphis erysimi* on, in China 5140
  - *Murgantia histrionica* on
    - in North Carolina 4785
    - resistance to 4785
  - *Myzus persicae* on, in China 5140
  - pests of, in UK 3221
  - *Phytomyza rufipes* on, in UK 2344
- ***cautella, Ephestia,*** (*Cadra*) 342
- ***Cavariella,*** on carrot, in New South Wales 4192
- ***Cavariella aegopodii***
  - carrot motley dwarf virus in, in New Zealand 4856
  - control of 4856
  - flight activity in 4186
  - in New Zealand 4856
  - in Turkey 4458
  - in UK 4186
  - on carrot, in New Zealand 4856
  - on *Pimpinella anisum,* in Turkey 4458
  - traps for 4186
  - turnip mosaic virus in, transmission of 3306

uriella aegopodii* *contd.
  termelon mosaic virus in, transmission of 735
uriella archangelicae
  ght activity in 4186
  UK 4186
  ps for 4186
uriella pastinacae
  ght activity in 4186
  UK 4186
  ps for 4186
uriella theobaldi
  ght activity in 4186
  UK 4186
  ps for 4186
riellae, Praon
lerius excavatus, biology of 5079
lerius saccharivorus, control of,
  nsecticides for 757
a cobaya (see Guineapigs)
s, Dibrachys
 (*see* Ethanaminium, 2-chloro-*N,N,N*-rimethyl-, chloride)
3744
domyia
  ntrol of, insecticides for 1963
  Liriodendron tulipifera, in Tennessee 1963
domyia pini
  Czechoslovakia 5192
  Pinus, in Czechoslovakia 5192
domyiidae
  ology of 4547
  llection of 4182
  ntrol of, light-traps for 2275
  Czechoslovakia 1775
  Romania 4153
  mushrooms, in Taiwan 2275
  Pinus echinata, damage caused by 4843
  Quercus cerris, in Czechoslovakia 1974
  eparation of 4182
  eying on, *Saccharicoccus sacchari,* in Barbados 4247
  aring of, techniques for 4181–4182
  xonomy of 4547
domyiidi
  Nearctic region 1676
  Soviet Far East 3282
idophyopsis ribis
  ntrol of, acaricides for 5115
  UK 4921, 5115
  black currant
    in England 5115
    resistance to 549, 4921
  gooseberry, resistance to 4921
  Ribes ussuriense, resistance to 549
ropia C_{17} hormone (*see* 2,6-Nonadienoic acid, 9-(3-ethyl-3-methyloxiranyl)-3,7-limethyl-, methyl ester)
Cecropia C_{18} hormone (*see* 2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-, methyl ester)
cecropia, Hyalophora
Cedar (see *Cedrus*)
Cedar of Lebanon (see *Cedrus libani*)
Cedrela odorata
  Hypsipyla grandella on, in Costa Rica 3269
  Pyralidae on, resistance to 4842
Cedrela tonduzzi, Hypsipyla grandella on, in Costa Rica 3268–3269
cedricida, Epinotia
Cedrobium laportei
  control of, biological 1255
  descriptions of 1144
  in France 1255
  in Italy 1144
  in Morocco 1255
  on *Cedrus atlantica,* in Italy 1144
  on *Cedrus libani,* in Italy 1144
  predators of, in Italy 1144
Cedrus, Trisetacus quadrisetus on, in Florida 2589
Cedrus atlantica, Cedrobium laportei on, in Italy 1144
Cedrus libani, Cedrobium laportei on, in Italy 1144
Ceiba pentandra, Dysdercus cingulatus on, in Philippines 4350
CELA 6302, against, *Aphis gossypii* 3798
Celama sorghiella (see *Nola*)
celatus, Coccus
Celerio euphorbiae, haemolymph of, inducing oviposition in parasite 1713
celerio, Hippotion
Celerio lineata (see *Hyles*)
Celery (*Apium graveolens*)
  γ-BHC in, residues of 5253
  DDT in, residues of 5253
  diazinon in, residues of 2345
  Euleia heraclei on, in France 4500
  Psila rosae on 2817
    in France 4500
    in Turkey 4444
    in UK 2358
Cell lines
  Aedes aegypti, Malacosoma polyhedrosis virus in 2007
  Chilo suppressalis, iridescent virus in 2438
  Heliothis zea 13
    Bacillus thuringiensis β-exotoxin retarding growth of 3341
    nuclear polyhedrosis virus in, development of 3331
  Malacosoma disstria, Lambdina fiscellaria nuclear polyhedrosis virus in, infectivity of 3877
  Spodoptera frugiperda, nuclear polyhedrosis virus in, development of 3331

Cell lines *contd.*
  Trichoplusia ni, nuclear polyhedrosis virus in, development of 3331
cellaris, Cryptophagus
Cellulose
  diet component for
    Dacus oleae 5047
    Epiphyas postvittana 4663
    Lobesia botrana 32
    Lymantria dispar 1351
    Popillia japonica 4660
    Zeiraphera diniana 1159
  in *Gilpinia hercyniae* diet, not utilised 3824
  acetate
    aldicarb slow-release formulations in granules of 3923
    dimethoate slow-release formulations in granules of 3923
Cemiostoma scitella (see *Leucoptera*)
Cenocoelius femorator
  sp. n., description of 3940
  in USSR 3940
Cenopalpus aratus
  sp. n., description of 2979
  in Pakistan 2979
  on *Desmodium,* in Pakistan 2979
  on potato, in Pakistan 2979
Cenopalpus capacis
  sp. n., description of 2979
  in Pakistan 2979
  on *Pinus wallichiana,* in Pakistan 2979
Cenopalpus favosus
  sp. n., description of 2979
  in Pakistan 2979
  on loquat, in Pakistan 2979
  on *Pinus,* in Pakistan 2979
Cenopalpus lanceolatisetae
  in Egypt 1891
  on apple, in Egypt 1891
  predators of, in Egypt 1891
Cenopalpus pictilis
  sp. n., description of 2979
  in Pakistan 2979
  on *Cotoneaster,* in Pakistan 2979
Cenopalpus pulcher
  control of
    acaricides for 2469
    insecticides for 3192
  in Egypt 1891, 2469
  in Iran 3192
  in Iraq 1086
  on apple
    in Egypt 1891
    in Iran 3192
    in Iraq 1086
  on pear, in Egypt 1891
  on *Platanus,* in Iran 3192
  on quince, in Egypt 2469
  predators of
    effects of acaricides on 2469
    in Egypt 1891
Cenopalpus pulcher *contd.*
  preyed on by, *Agistemus exsertus,* in Egypt 2469
Cenopis pettitana
  biology of 2389
  in USA 2389
  on *Acer saccharum,* in Michigan 238
centaurus, Oryctes
Centipedes, in soil, effects of gases on 2
Central African Republic
  cotton in
    insect damage to 3786
    pest control on 1521
  Diplopoda in 1362
  Dysdercus voelkeri in, on cotton 361
  Empoasca spp. in, on cotton 5155
  Paurocephala gossypii in, on cotton
centralis, Exitianus
centrella, Diatraea
Centrodora azizi
  sp. n., description of 3667
  in India 3667
  parasitising, Membracidae, in India 3
Centrodora mumtazi
  sp. n., description of 3667
  in India 3667
  parasitising, Membracidae, in India 3
centrosematis, Ophiomyia, (*Melanagrom*

Cephalcia abietis, in Czechoslovakia 81
Cephaloglypta laricis
  in Japan 4844
  parasitising
    Choristoneura diversana, in Japan 4844
    C. fumiferana 4844
cephalonica, Corcyra
Cephalosporium
  in
    Archips rosanus, in Lithuania 395
    Diprion pini 833
    orchard pests, in Lithuania 3948
cephalotes, Atta
cephalotes, Broscus
cephalotes, Coelopisthia
Cephidae
  in California 303
  in USSR 2250
Cephus cinctus
  in USA 1039
  on wheat
    in Montana 1039
    resistance to 1039
Ceracia fergusoni
  in Australia 2501
  taxonomy of, transferred from *Myoth* 2501
Ceracia mucronifera
  biology of 5067
  in France 5067
  parasitising
    Locusta migratoria 5067

***acia mucronifera* contd.**
  arasitising *contd.*
    Pyrgomorpha conica, in France 5067
  xonomy of 5067
***acia mucronifera* auct.** ([i.e. *Metacemyia calloti*])
  arasitising, *Anacridium aegyptium* 1366
ambycidae
  Kazakhstan 4394
  n *Abies alba,* in Romania 690
umbyciformis, Judolia
ambyx, keys to 2517
ambyx dux
  ology of 4616
  escriptions of 2517
  Malta 4616
  n apple, in Malta 4616
  n pear, in Malta 4616
  xonomy of, characters distinguishing *C. miles* and 2517
ambyx miles, taxonomy of, characters distinguishing *C. dux* and 2517
anisus, parasitising, *Thrips tabaci,* in Rajasthan 2661
aphron vagans
  USSR 108
  arasitising, *Mayetiola destructor,* in USSR 108
apterocerus mirabilis
  yperparasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  Czechoslovakia 3741
apteryx graminis, in Czechoslovakia 825
asana, Pandemis
asi, Caliroa
asi, Myzus
asi, Rhagoletis
asivoranus, Archips
atitis capitata
  cetate metabolism in 27
  ttractants for 4671
  ontrol of 3966–3967, 5107
    bait-sprays for 4989
    baits for 1100
    insecticides for 1100, 1458, 1625, 2933
    integrated 4926
    γ-irradiation for 1576
    sterile-insect release for 3911, 3917
    temperature control for 1576
    traps for 3751, 4778
  nzymes in 4572
  atty acids in 4599
  ertility in, effects of γ-irradiation on 3496
  light activity in, effects of γ-irradiation on 2141
  n Brazil 5107
  n Cyprus 3917
  n Israel 4989
  n Italy 1655, 4926
  n Japan 1105

***Ceratitis capitata* contd.**
  in South Africa 541
  in Spain 158, 1100, 1458, 3751, 3966–3967, 4311, 4778
  in Sudan 4671
  in Tunisia 1655
  in USA (Hawaii) 3660
  larval development in 4071
  lipogenesis in 2536
  mating competitiveness in, effect of γ-irradiation on 1310
  mating in 2164
  mortality in, effects of γ-irradiation on 3496
  on banana, in Japan 1105
  on *Citrus*
    in Israel 4989
    in Spain 1100, 4311, 4778
  on guava, in Hawaii 3660
  on orange, in Spain 3751
  on peach, in Spain 1458
  parasites of, in Hawaii 3660
  parasitised by
    Dirhinus giffardii 5231
    Opius concolor 2113, 4071
    Syntomosphyrum indicum 5231
    Tetrastichus giffardianus 5231
  pupal development in 4071
  puparium formation in, effects of γ-irradiation on 2113
  rearing of, apparatus for 3061
  reproductive cells of, ontogenesis of 1712
  sex pheromone of 2566
  sexual behaviour in, effects of γ-irradiation on 1195
  sexual dimorphism in 2164
  sexual maturation in, effect of γ-irradiation on 1310
  sterilisation of, γ-irradiation for 1195
  traps for 158, 2755, 3917
Ceratitis rosa
  in South Africa 541
  parasitised by, *Dirhinus giffardii* 5231
Ceratochaeta caudata (see *Phryxe*)
Ceratocystis bacillospora, associated with, *Trypodendron domesticum,* in West Germany 2394
Ceratocystis fagacearum
  in, *Quercus,* in USA 4830
  transmission of 4830
Ceratocystis paradoxa
  in
    Carpophilus hemipterus, transmission of 4735
    Haptoncus ocularis, transmission of 4735
    sugar-cane, effects on weevil resistance of 4736
    Urophorus humeralis, transmission of 4735
Ceratocystis pilifera, in, Siricidae, in Belgium 458

- ***Ceratocystis torulosa,*** associated with, *Trypodendron domesticum,* in West Germany 2394
- ***Ceratocystis ulmi*** (see also Dutch elm disease)
  - in, *Ulmus thomasii,* imported into UK 2392
- ***Ceratomegilla maculata,*** sexing adults of 3453
- ***Ceratomegilla maculata lengi,*** oviposition in, effects of *Juniperus* extracts on 914
- ***Ceratonia siliqua,*** *Virachola livia* on, in Egypt 2787
- ***ceratoniae, Ectomyelois,*** (*Myelois*)
- **Cercopidae**, in Sudan 2083
- ***Cercospora koepkei***
  - on sugar-cane
    - effects of fertilisers on 494
    - in Indonesia 494
- ***cerealella, Sitotroga***
- ***cerealium, Limothrips***
- ***cerealium, Siteroptes***
- **Ceresan Trock UT. 68**
  - against, *Sitophilus granarius* 4492
  - inert ingredients of
    - against, *Sitophilus granarius* 4492
    - with malathion, against, *Sitophilus granarius* 4492
  - with malathion, against, *Sitophilus granarius* 4492
- ***ceriferus, Ceroplastes***
- ***Cermatulus nasalis***
  - in New Zealand 719
  - preying on, *Paropsis charybdis,* in New Zealand 719
- ***Cerocephala aquila***
  - in USA (Hawaii) 4641
  - parasitising, *Dinoderus minutus,* in Hawaii 4641
- ***Cerocephala dinoderi***
  - in Indonesia 4641
  - in Philippines 4641
  - in USA (Hawaii) 4641
  - parasitising
    - *Dinoderus minutus,* in Philippines 4641
    - *Sitophilus oryzae,* in Java 4641
- ***Cerococcus***
  - on *Hibiscus rosa-sinensis,* in India 317
  - parasitised by, *Eriaphytis orientalis,* in India 317
- ***Cerodontha,*** in Europe 4059
- ***Ceromasia auricaudata***
  - in USA 4714
  - parasitising, *Choristoneura occidentalis,* in Colorado 4714
- ***Ceromasia rubrifrons***
  - in USSR 3134, 3281
  - parasitising
    - *Erannis jacobsoni,* in Buryatia 3281
    - *Lymantria dispar,* in USSR 3134
- ***cerophaga, Nythobia,*** (*Angitia*)
- ***ceroplastae, Tetrastichus***
- ***Ceroplastes,*** parasitised by, *Mashhoodiell echthromorpha,* in Aligarh 851
- ***Ceroplastes ceriferus***
  - in Australia 4307
  - on avocado, in Queensland 4307
- ***Ceroplastes destructor*** (see *Gascardia*)
- ***Ceroplastes floridensis***
  - in Egypt 1474, 3647
  - in Israel 3745
  - in Pakistan 3123
  - on *Citrus,* in Israel 3745
  - on mango, in Pakistan 3123
  - on orange, in Egypt 1474
  - parasitised by
    - *Tetrastichus* spp., in Pakistan 3123
    - *T. ceroplastae,* in Israel 3745
  - preyed on by, *Cheletogenes ornatus,* in Egypt 3647
- ***Ceroplastes hololeucus***
  - sp. n., description of 860
  - in Angola 860
  - on *Elaeis guineënsis,* in Angola 860
- ***Ceroplastes rubens***
  - in Australia 4307
  - on avocado, in Queensland 4307
- ***Ceroplastes rusci***
  - biology of 581
  - in Egypt 3647
  - in Italy 581
  - in Turkey 4480
  - on *Citrus*
    - damage caused by 581
    - in Sicily 581
  - on fig, in Sicily 581
  - on *Pistacia vera,* in Turkey 4480
  - parasites of, in Sicily 581
  - predators of, in Sicily 581
  - preyed on by, *Cheletogenes ornatus,* in Egypt 3647
- ***Ceroplastes sinensis***
  - in Turkey 4459
  - in USSR 1142
  - on tea, in USSR 1142
- ***Cerotoma ruficornis***
  - bean yellow stipple virus in, transmissi of 1566
  - cowpea mosaic virus in
    - in Cuba 201
    - transmission of 1565
  - in Cuba 201
- ***Cerotoma trifurcata***
  - bean pod mottle virus in, transmission 1563
  - cowpea mosaic virus in, transmission 1563
  - eggs of, distribution in soil of 617
- ***cervinata, Wiseana***
- ***cervinus, Pantomorus***
- ***cervinus, Polydrusus***
- ***Ceryle rudis,*** insecticides in, residues of, Chad 4536

- ***itana, Argyroploce***
- ***onia aurata**, Metarhizium anisopliae* in,
  - infectivity of 2430
- **oniidae**, pathogens of, in Malagasy Republic 240
- **oniinae**
  - Oriental region 300
  - Palaearctic region 300
- **torhynchinae**
  - ight activity in, in West Germany 4622
  - East Germany 865
- ***torhynchus assimilis***
  - iology of 635
  - ontrol of, insecticides for 599, 1502
  - recasting infestations of 1216
  - n France 599
  - n Poland 463, 634–635
  - n rape
    - forecasting infestations of 599
    - in France 599
    - in Poland 463, 634–635
  - arasitised by, *Trichomalus perfectus*, in Poland 463
- ***utorhynchus chalybaeus***, group of,
  - taxonomy of 857
- ***utorhynchus contractus***, group of,
  - taxonomy of 857
- ***utorhynchus napi***
  - iology of 635
  - n Poland 634–635
  - on rape, in Poland 634–635
- ***utorhynchus pleurostigma***
  - iology of 635
  - n Poland 634–635
  - on rape, in Poland 634–635
- ***utorhynchus quadridens***
  - iology of 635
  - n Poland 634–635
  - on rape, in Poland 634–635
- ***utorhynchus rapae***
  - n Poland 634
  - on rape, in Poland 634
- ***utorhynchus rugulosus***, group of,
  - taxonomy of 857
- ***utorhynchus turbatus***
  - n Poland 634
  - on rape, in Poland 634
- ***vlonicus, Dactylopius*** (see *D. indicus*)
- ***vlonicus Zeteticontus***
- **A-13608** (*see* Phenol, 2-(methyl-2-propynylamino)-, methylcarbamate (ester)) 2932
- **ad**
  - *Aphis gossypii* in, on cotton 4417
  - *Bemisia tabaci* in, on cotton 5167
  - cotton blue disease in 4417
  - *Diparopsis watersi* in
    - natural enemies of 1393
    - on cotton 210, 4922, 4925
  - *Earias biplaga* in, on cotton 210
  - *E. insulana* in, on cotton 210
- **Chad** *contd.*
  - *Heliothis armigera* in, on cotton 210, 4922, 4925
  - millepedes in, in cotton 3784
  - *Trialeurodes desmodii* in, on cotton 5167
  - *T. ricini* in, on cotton 5167
- ***Chaetanaphothrips signipennis***, control of 2763
- ***Chaetocnema breviuscula***
  - in USSR 4342
  - on sugar-beet, in Siberia 4342
- ***Chaetocnema concinna***, taxonomy of, *Chaetocnema heikertingeri* misidentified as, in Siberia 4342
- ***Chaetocnema heikertingeri***
  - in USSR 4342
  - on sugar-beet, in Siberia 4342
  - taxonomy of, misidentified as *C. concinna*, in Siberia 4342
- ***Chaetonerius latifemur**, Phytophthora palmivora* in, transmission of 3870
- ***Chaetopsis debilis***, control of, insecticides for 3988
- ***Chaetoptelius vestitus*** (see *Hylesinus*)
- ***Chaetosiphon fragaefolii***
  - alate production in, effects of cytokinin on 2986
  - development in, effects of cytokinin on 2986
  - in Spain 1075
  - on *Fragaria vesca* 2986
  - on strawberry, in Spain 1075
- ***chaetosiphonis, Trioxys***
- ***Chaitophorus pruinosae***
  - biology of 2613
  - in USSR 2613
  - on *Populus euphratica*, in Kazakhstan 2613
- **Chalcididae**, reproductive system in 4567
- **Chalcidoidea**
  - in Lithuania 3941
  - in USSR 3828
  - parasitising
    - Braconidae, in Poland 1079
    - Ichneumonidae, in Poland 1079
    - *Stigmella malella*, in Georgia (USSR) 4768
  - reproductive system in 1684
- ***chalcites, Plusia***
  - (*Autographa*)
  - (*Chrysodeixis*)
- ***Chalcodermus aeneus***
  - feeding behaviour in 4791
  - on *Vigna unguiculata*
    - resistance to 1487
      - evaluation of 4791
  - oviposition responses in 4791
- ***chalcographus, Ips***, (*Pityogenes*)
- ***Chalcoponera metallica***
  - control of 4693
  - in Australia 4693

Chalioides kondonis
  in Japan 1097
  on satsuma, in Japan 1097
  on *Ulmus parvifolia,* in Japan 1097
  on *Viburnum awabuki,* in Japan 1097
chalybaeus, Ceutorhynchus
Chamaedorea, Biruga chariclo on, in Mexico 4555
Chamaemyia polystigma
  biology of 4230
  in USA 4230
  preying on, *Heterococcus pulverarius,* in Ohio 4230
Chamaemyiidae
  phylogenetics of 1269
  taxonomy of 1269
chapellei, Haplothysanus
Characoma stictigrapta
  in Nigeria 5171
  on cacao, in Nigeria 5171
Charcoal
  aldicarb slow-release formulation in 4822
  for adsorbing endosulfan from surface water 3619
chariclo, Biruga
Charips
  hyperparasitising
    Acyrthosiphon pisum, in France 4763
    aphids, in South Africa 601
Charips tscheki (see *Alloxysta*)
Charops obtusus
  in India 1024, 2662
  parasitising
    Spodoptera litura, in Gujarat 2662
    Thiacidas postica, in India 1024
chartifex, Azteca
charybdis, Paropsis
Chavesia eversi
  sp. n., description of 3435
  in Colombia 3435
  in Panama 3435
  on banana, in Panama 3435
  on coffee, in Colombia 3435
Chavesia trinidadensis
  sp. n., description of 3435
  in Trinidad and Tobago 3435
  on cacao, in Trinidad 3435
Cheese, dried, *Dermestes maculatus* in, development of 5203
Cheilomenes sexmaculatus (see *Menochilus*)
Cheiloneurus claviger
  hyperparasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  in Czechoslovakia 3741
Cheiloneurus comperei, taxonomy of, proposed as new name for *C. latiscapus* Comp. 851
***Cheiloneurus latiscapus* Comp.,** taxonomy of, *C. comperei* proposed as new name for 851
***Cheiloneurus latiscapus* (Gir.),** taxonomy of 851
Cheiloneurus longisetaceus
  in Brazil 1032
  parasitising, *Aclerda campinensis,* in Brazil 1032
Cheiloneurus paralia
  hyperparasitising, *Parthenolecanium co*
   in Czechoslovakia 3741
  in Czechoslovakia 3741
Cheimatobia brumata (see *Operophtera*)
cheiranthi, Pieris
Chelachecaropsis bakeri
  gen. et sp. n., description of 964
  in Egypt 964
Cheletogenes ornatus
  biology of 3647
  in Colombia 180
  in Egypt 3647
  in Israel 3745
  phosphine in, toxicity of 4320
  preying on
    Asterolecanium pustulans, in Egypt 3647
    Ceroplastes floridensis, in Egypt 36
    C. rusci, in Egypt 3647
    Chrysomphalus aonidum, in Egypt 3647
    citrus mites, in Colombia 180
    Parlatoria oleae, in Egypt 3647
    scale insects, in Israel 3745
Chelisoches morio
  in Cook Islands 4561
  in New Caledonia 3652
  in Niue Island 4561
  preying on, *Brontispa longissima,* in N
   Caledonia 3652
Cheloctonus jonesii
  dieldrin in, toxicity of 775
  effects of termite baits on 776
  in South Africa 776
Chelonus annulipes
  biology of 1831
  hosts of 1831
Chelonus blackburni, parasitising, *Pectinophora gossypiella,* and biologic
   control using, in Arizona 3927
Chelonus curvimaculatus, parasitising, *Pectinophora gossypiella* 1523
Chelonus elaeaphilus
  in Lebanon 4312
  parasitising, *Prays oleae,* in Lebanon 4312
Chelonus formosanus
  in India 2662
  parasitising
    Spodoptera exigua, in Gujarat 2662
    S. litura, in Gujarat 2662
Chelonus heliopae
  biology of 1847
  in India 2662
  parasitising
    Spodoptera exigua, in Gujarat 2662
    S. litura 1847

- ***lonus heliopae* contd.**
  - rasitising *contd.*
    - *Spodoptera litura contd.*
      - in Gujarat 2662
- ***lonus oculator***
  - ology of 1831
  - osts of 1831
- ***lonus texanus***
  - USA 5166
  - Venezuela 1010
  - arasitising
    - *Spodoptera frugiperda,* in Venezuela 1010
    - *Trichoplusia ni,* in California 5166
- ***lymorpha cassidae*,** food-plants of,
  - selection of 5075
- **magro 7375,** against, *Psila rosae* 4797
- **mosterilants** 4115
  - ubstances tested as:, miscellaneous compounds 4119
- ***enopodium*,** buttercup mosaic virus in,
  - infectivity of 4371
- ***enopodium album***
  - alse pea leaf-roll virus in, infectivity of 2814
  - *Heliothis armigera* on, feeding preferences of 3760
- ***enopodium quinoa*,** leek chlorotic streak
  - virus in, symptoms of 4867
- ***ermes tardus*** (see *Adelges*)
- **erry** (*Prunus avium*)
  - caricides in, toxicity of 161
  - *Enarmonia formosana* on, in West Germany 1459–1460, 1470
  - Galecron in, residues of 2947–2948
  - nsecticides in, toxicity of 161
  - malathion in, residues of 3740
  - *Myzus cerasi* on, in New South Wales 4192, 4302
  - *Operophtera bruceata* on, in British Columbia 3726
  - *Rhagoletis cerasi* on
    - in Austria 1904
    - in East Germany 160
    - in France 3740
    - in Switzerland 4303
  - *R. cingulata* on, in USA 1896
  - *R. fausta* on, in Ohio 2332
  - *R. indifferens* on
    - in British Columbia 4654
    - in USA 1896
  - *Taeniothrips orionis* on, in British Columbia 1902
- **erry, bird** (see *Prunus padus*)
- **erry, Morello** (see *Prunus cerasus*)
- **erry, sour** (see *Prunus cerasus*)
- **erry (stored fruit),** dimethoate in, residues of 1634
- **erry, sweet** (*see* Cherry)
- ***evsurethi, Trioza***
- ***heyletia wellsi*** (see *Paracheyletia*)
- ***Cheyletus*,** preying on, pests of stored grain, in Pakistan 5208
- ***Cheyletus eruditus***
  - in Poland 727
  - low temperature storage of 3368
  - morphology of 4073
- ***Cheyletus malaccensis***
  - biology of 3646
  - in Egypt 3646
  - preying on, *Caloglyphus* spp. 3646
- ***Chiapacheylus macrocorneus***
  - biology of 3119
  - in Egypt 3119
  - preying on, *Eutetranychus orientalis,* in Egypt 3119
- **Chick-pea** (see *Cicer arietinum*)
- **Chile**
  - *Acyrthosiphon dirhodum* in, on wheat 3156
  - agricultural pests in 74
  - insect pests in 2800
  - *Macrosiphum* spp. in, on wheat 3156
  - *Rhopalosiphum maidis* in, on wheat 3156
  - *R. padi* in, on wheat 3156
  - *Schizaphis graminum* in, on wheat 3156
- ***chilenensis, Amblyseius***
- ***chilensis, Thanatopsyche***
- ***chiliensis, Dalaca,*** (*Maculella*)
- **Chilli** (see *Capsicum*)
- ***Chilo***
  - control of, insecticides for 3697
  - on rice, in Bangladesh 3697
- ***Chilo agamemnon***
  - chemoreceptors in 1707
  - control of, insecticides for 1071, 2294, 3675, 4269
  - descriptions of 4063
  - in Egypt 1071, 1422–1424, 1449, 2294, 3151, 3513, 3648, 3675, 4063, 4269
  - on maize, in Egypt 1071, 3648
  - on rice
    - damage caused by 1422
    - effects of fertilisers on 1423
    - in Egypt 1422–1424, 1449, 2294, 4269
    - resistance to 1424
  - on sugar-cane
    - in Egypt 3151, 3675
    - varietal preferences of 3151
  - preyed on by
    - *Anisolabis annulipes,* in Egypt 3513
    - *Blaptostethus piceus,* in Egypt 3648
- ***Chilo auricilius***
  - in Burma 135
  - in India 4086
  - on rice, in Burma 135
  - on sugar-cane, in Uttar Pradesh 4086
  - rearing of, diets for 4094
  - traps for 4086
- ***Chilo hyrax***
  - in Japan 528
  - on *Miscanthus saccharifer,* in Japan 528

Chilo hyrax *contd.*
- on *Phalaris arundinacea,* in Japan 528
- on *Phragmites japonica,* in Japan 528

Chilo infuscatellus
- in India 2302
- in Taiwan 495, 2025
- on *Sorghum halepense,* in Uttar Pradesh 2302
- on sugar-cane, in Taiwan 495, 2025
- parasitised by, *Lixophaga diatraeae,* and biological control using, in Taiwan 2025

Chilo **iridescent virus,** in, *Anthonomus grandis,* infectivity of 3322

Chilo luteellus
- descriptions of 4063
- in Egypt 4063
- in Japan 1417
- on maize, in Egypt 4063
- on *Phragmites communis,* in Egypt 4063
- seasonal abundance of 1417

Chilo orichalcociliellus
- in Kenya 3687
- on maize, in Kenya 3687
- on sorghum, in Kenya 3687
- parasites of, in Kenya 3687

Chilo partellus
- control of, insecticides for 132
- in India 132
- in Kenya 3687
- in Mozambique 491
- on maize
  - in Kenya 3687
  - in Mozambique 491
  - in Punjab 132
  - resistance to 4252
- on sorghum, in Kenya 3687
- parasites of, in Kenya 3687

Chilo polychrysus, on rice 4262

Chilo sacchariphagus
- in Indonesia 494
- in Japan 3045
- in Réunion 5231
- in Taiwan 495, 2025
- on sugar-cane
  - effects of fertilisers on 494
  - in Indonesia 494
  - in Réunion 5231
  - in Taiwan 495, 2025
- parasitised by
  - *Itoplectis naranyae,* and biological control using, in Réunion 5231
  - *Lixophaga diatraeae* 4668
    - and biological control using, in Taiwan 2025
  - *Tetrastichus israeli,* and biological control using, in Réunion 5231

Chilo suppressalis
- *Conidiobolus* spp. in, infectivity of 1182
- control of, insecticides for 539, 1420–1421, 2471, 2730, 4015, 5243

Chilo suppressalis *contd.*
- in Japan 520, 1417–1418, 2730, 3372, 4039, 4676
- in Philippines, control of 1872
- in Spain 4015
- in Taiwan 525
- iridescent virus in, properties of 3317
- *Metarhizium anisopliae* in, pathogenici of 2440
- on rice 4262
  - distribution pattern of 1419
  - in Japan 520, 2730, 3372, 4676
  - in Philippines 1872
  - in Spain 4015
  - in Taiwan 525
  - resistance to 4260
  - varietal preferences of 525
- overwintering in 1418
- parasitised by
  - *Apanteles chilonis,* in Japan 4039
  - *Pimpla naranyae* 2296
- population dynamics of 3372
- seasonal abundance of 1417
- sterilisation of, γ-irradiation for 252, 2732

Chilo zacconius, on rice, in West Africa 2703

Chilo zonellus (see *C. partellus*)

Chilocorus, preying on, *Nuculaspis californica,* in USA 3820

Chilocorus bipustulatus
- development in, effects of photoperiod 3040
- in Iran 4292
- in Israel 3745
- in Italy 581
- in Turkey 4459, 4480
- preying on
  - *Ceroplastes rusci,* in Sicily 581
  - *Lepidosaphes malicola,* in Iran 429
  - *Parlatoria blanchardii,* and biologica control using, in Morocco 2311
  - scale insects, in Israel 3745

Chilocorus bipustulatus iranensis
- in Iran 5113
- preying on, *Parlatoria blanchardii,* in I 5113

Chiloloba acuta
- in India 2224, 2727
- on cabbage, in Rajasthan 2224
- on cauliflower, in Rajasthan 2224
- on maize, in Rajasthan 2224
- on *Pennisetum typhoides,* in Uttar Pradesh 2727
- on roses, in Rajasthan 2224
- on sorghum, in Rajasthan 2224

Chilomenes sexmaculatus (see *Menochilu*

Chilonini
- in Australia 3442
- in New Zealand 3442

chilonis, Apanteles

Chilotraea (see *Chilo*)

Chilotraea auricilius (see *Chilo*)
Chilotraea infuscatellus (see *Chilo*)
Chilotraea polychrysus (see *Chilo*)
China
  Adelges spp. in, on *Larix* 2398
  Aphis gossypii in, on cotton 4363
  Dendrolimus punctatus in 2444
  Earias spp. in, on cotton 2831
  Eriosomatinae in 4994
  Gravitarmata margarotana in, on *Pinus* 5195
  Lipaphis erysimi in, on cruciferous crops 5140
  Malacosoma insignis in 3440
  M. neustria in 3440
  M. rectifascia in 3440
  Myzus persicae in, on cruciferous crops 5140
  Ostrinia nubilalis in 2453
  Proagopertha lucidula in, on shelterbelt trees 1160
  Spodoptera litura in, natural enemies of 1139
  Tessaratoma papillosa in, on *Litchi chinensis* 885
  Tortricidae in, on apple 5125
China clay, in insecticidal dusts 2935
China rose (see *Hibiscus rosa-sinensis*)
chinensis, Callosobruchus, (*Bruchus*)
chinensis, Haplothrips
chinensis, Leptocorisa
Chinomethionat (*see* Quinomethionate)
Chionaspis eugeniae **var.** ***major*** (see *Pseudaulacaspis brimblecombei*)
Chionaspis floridensis
  sp. n., description of 2388
  in USA 2388
  on *Fraxinus,* in Florida 2388
Chionaspis kentiae (see *Phenacaspis*)
Chionaspis salicis
  in USSR 3430
  parasitised by, *Aphytis sugonjaevi,* in USSR 3430
Chirida guttata (see *Deloyala*)
Chironomidae, on rice, in France 3761
Chironomus
  biology of 2729
  control of
    crop management for 2295, 4748
    insecticides for 2295, 4748
  on rice
    damage caused by 2728
    in Egypt 2295, 2728–2729, 4748
    in Ukraine 3694
Chironomus luridus, pox virus in 3332
Chirothrips manicatus, in South Korea 4145
Chitinase
  in *Alphitobius diaperinus* mid-gut 334
  in Attine faeces 4212
  in *Beauveria bassiana,* aiding penetration of insect cuticle 1188
Chitinase *contd.*
  in *Galleria mellonella,* degrading larval cuticle 1188
  with *Bacillus thuringiensis,* against, *Choristoneura fumiferana* 4415
Chlamydotheca arcuata
  DDT in, toxicity of 4022
  Dursban in, toxicity of 4022
  fenthion in, toxicity of 4022
Chlidonias hybrida, fenthion in, toxicity of 4015
Chloral hydrate (*see* 1,1-Ethanediol, 2,2,2-trichloro-)
Chloramben (*see* Benzoic acid, 3-amino-2,5-dichloro-)
  1218
Chloramphenicol, in *Hyadaphis erysimi,* effects on fertility of 1480
Chlorbenside (1-chloro-4-[[(4-chlorophenyl)methyl]thio]benzene)
  in orchards, effects on birds of 3406
Chlordane (1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1*H*-indene)
  against
    Agrotis ipsilon 3988
    Anacanthotermes ochraceus 3862
    Anisolabis spp. 4340
    Anomala marginipennis 543
    Callosobruchus chinensis 2876
    Chaetopsis debilis 3988
    Cosmopolites sordidus 3260
    Ctenicera aeripennis 1920
    Cylas formicarius 4802
    Gryllus pennsylvanicus 3988
    Hypera postica 1443
    Leucinodes orbonalis 4349
    Leucopholis coneophora 543
    Limonius californicus 1920
    mole-crickets 2249
    Odontotermes obesus 620
    Phthorimaea operculella 4346
    Psammotermes fuscofemoralis 3862
    Syringopais temperatella 506
    Tribolium castaneum 1633
  FAO specifications for 798
  in carrot, residues of 4021
  in coffee, effects of 4018
  in lucerne, residues of 4021
  in *Phaseolus nanus,* residues of 4021
  in potato, residues of 4021
  in potatoes, residues of 1642
  in radish, residues of 4021
  in rats, residues of 2051
  in rumen, effects of 4968
  in soil
    insecticidal activity of 3988
    persistence of 3988
    residues of 1652, 4976
  photolysis products of 1217

- *cis*-**Chlordane** (*see* 4,7-Methano-1*H*-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-, (1α,2α,3aα,4β,7β,7aα)-)
- *trans*-**Chlordane** (*see* 4,7-Methano-1*H*-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-, (1α,2β,3aα,4β,7β,7aα)-)
- **Chlordecone** (1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-1,3,4-metheno-2*H*-cyclobuta[*cd*]pentalen-2-one)
  - against, *Spodoptera littoralis* 763, 1929
  - photolysis of 4945
- **Chlordene** (*see* 4,7-Methano-1*H*-indene, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-)
- **Chlordene, 1,2-dichloro-** (*see* 4,7-Methano-1*H*-indene, 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-)
- **Chlordene, 1-hydroxy-** (*see* 4,7-Methano-1H-inden-1-ol, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-)
- **Chlordimeform** (*see* Galecron)
- **Chlorfenethol** (4-chloro-α-(4-chlorophenyl)-α-methylbenzenemethanol)
  - with chlorfensulphide
    - against
      - *Acarapis woodi* 2659
      - *Panonychus ulmi* 1091
      - *Tetranychus urticae* 4906
      - *T. viennensis* 1085
    - in predatory insects, toxicity of 3578
- **Chlorfenson** (4-chlorophenyl 4-chlorobenzenesulfonate)
  - against
    - *Calepitrimerus* spp. 574
    - pests of apple 1087
    - *Phytocoptes* spp. 574
    - *Tetranychus urticae* 4455
    - *T. viennensis* 4464
- **Chlorfensulphide** ([(4-chlorophenyl)thio](2,4,5-trichlorophenyl)diazene)
  - with chlorfenethol
    - against
      - *Acarapis woodi* 2659
      - *Panonychus ulmi* 1091
      - *Tetranychus urticae* 4906
      - *T. viennensis* 1085
    - in predatory insects, toxicity of 3578
  - with Neotran, and bis(4-chlorophenyl) disulfide, against, *Acarapis woodi* 2659
- **Chlorfenvinphos** (2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl phosphate)
  - against
    - *Acrolepia assectella* 4500
    - *Curculio nucum* 4479
    - *Diacrisia obliqua* 5144
    - *Euleia heraclei* 4500
    - *Hepialus lupulinus* 4500
    - *Hylemya antiqua* 3241, 4500
- **Chlorfenvinphos** *contd.*
  - against *contd.*
    - *Hylemya contd.*
      - *H. brassicae* 2348, 3611, 3778, 4500
    - *Leptinotarsa decemlineata* 625, 1248, 2036, 3571, 3573
    - *Nezara viridula* 4750
    - *Oscinella frit* 145
    - pests of cotton 1521
    - pests of rice 4263
    - *Psila rosae* 3608, 4500, 4797, 4955
    - *Psilopholis vestita* 544
    - *Rhizoecus cacticans* 1147
    - *Sciara auripila* 486
    - *Scutigerella immaculata* 4007
    - *Sitona callosus* 149
    - *Spodoptera frugiperda* 3167
  - in *Beauveria bassiana*, toxicity of 2440
  - in carrots, residues of 1640, 3609
  - in *Entomophthora*, toxicity of 2440
  - in man, effects of 4479
  - in *Metarhizium anisopliae*, toxicity of 2440
  - in onion, residues of 3241
  - in plants, effects on herbicide metabolism of 1218
  - in soil, residues of 1643, 3609
  - with oil emulsion, against, *Unaspis citri* 4310
  - with *Paecilomyces farinosus*, against, *Leptinotarsa decemlineata* 3571
- **Chloride**
  - in *Heliothis zea* haemolymph 4090
  - in *Lygus disponsi*, activating salivary amylase 4089
- ***Chloridea dipsacea*** (see *Heliothis viriplaca*)
- ***Chloridea obsoleta* auct.** (see *Heliothis armigera*)
- ***Chloridea viriplaca*** (see *Heliothis*)
- ***Chloris gayana***, *Antonina graminis* on, in Mysore 3121
- ***chlorizans, Malacocoris***
- **Chlormephos** (*S*-(chloromethyl) *O,O*-diethyl phosphorodithioate)
  - against
    - *Psila rosae* 3608
    - *Scutigerella immaculata* 4007
- **Chlormequat chloride** (*see* Ethanaminium, 2-chloro-*N,N,N*-trimethyl-, chloride)
- **Chlormethylfos** (*see* Phosphorothioic acid, *O,O*-dimethyl *O*-(3,5,6-trichloro-2-pyridinyl) ester) 3994
- **Chloro-methylchlor** (*see* Benzene, 1-chloro-4-[2,2,2-trichloro-1-(4-methylphenyl)ethyl]-)
- **Chlorobenzilate** (ethyl 4-chloro-α-(4-chlorophenyl)-α-hydroxybenzeneacetate)
  - against
    - *Acarapis woodi* 937
    - *Aceria sheldoni* 587, 972, 4476
    - *Eutetranychus orientalis* 972

- **lorobenzilate** *contd.*
  - against *contd.*
    - *Mononychellus tanajoa* 4803
    - *Oligonychus indicus* 4527
    - *Phyllocoptruta oleivora* 972
    - *Tetranychus urticae* 784, 1500, 4198
  - in *Chrysopa rufilabris,* toxicity of 4970
- ***hlorochiton suturalis, Bacillus*** spp. in, infectivity of 4883
- ***hlorochroa,*** on cotton, in Mexico 1511
- **lorofos** (*see* Trichlorphon)
- ***lorogaster, Achrysocharella***
- **lorophos** (*see* Trichlorphon)
- **lorophyllase,** in plants, organochlorine pesticides increasing activity of 167
- **lorophylls**
  - in groundnut, effects of *Taeniothrips sjostedti* on 5151
  - in maize, effects of insecticide-fertilizer mixtures on 2042
  - in mango, not related to susceptibility to *Mycetaspis personata* 2790
- **hloropicrin** (*see* Methane, trichloronitro-)
- **hloropidae**
  - in Afghanistan 399
  - in USSR 4758
- **hloropropylate** (1-methylethyl 4-chloro-α-(4-chlorophenyl)-α-hydroxybenzeneacetate)
  - against
    - *Acarapis woodi* 2659
    - *Tarsonemus pallidus* 1073
    - *Tetranychus urticae* 1076
- ***hlorops***
  - on *Aristida gyrans,* in Florida 1068
  - parasites of, in Florida 1068
- ***hlorops oryzae***
  - biology of 4749, 4752
  - control of 4752
  - in Japan 4676, 4749, 4752
  - on rice
    - in Japan 4676, 4749, 4752
    - resistance to 2740, 4752
- ***hlorops pumilionis***
  - in Poland 127, 502
  - on wheat
    - damage caused by 502
    - in Poland 127, 502
    - resistance to 127
- ***hloropsalta viridissima***
  - in Turkey 4470
  - on grape vine, in Turkey 4470
- ***hloropulvinaria aurantii***
  - in USSR 1142
  - on tea, in USSR 1142
- ***hloropulvinaria floccifera***
  - control of, insecticides for 657, 4366, 4484
  - in Turkey 4366, 4484
  - in USSR 657
  - on tea
    - in Turkey 4366, 4484
- ***Chloropulvinaria floccifera*** *contd.*
  - on tea *contd.*
    - in USSR 657
- ***Chloropulvinaria psidii***
  - in India 591
  - on guava, in India 591
- ***chloropus, Telenomus***
- ***Chloroxylon swietenia***
  - *Aleurocanthus woglumi* on, in India 2278
  - *Papilio demoleus* on, in India 2278
- **Chlorphenamidine** (*see* Galecron)
- **Chlorphoxim** (2-chloro-α-[[(diethoxyphosphinothioyl)oxy]imino]benzeneacetonitrile)
  - against, *Hemerocampa pseudotsugata* 3994
- **Chlorprazophos** (*see* Phosphorothioic acid, *O*-(3-chloro-7-methylpyrazolo[1,5-*a*]pyrimidin-2-yl) *O,O*-diethyl ester)
- **Chlorpropham** (*see* Carbamic acid, (3-chlorophenyl)-, 1-methylethyl ester) 1218
  - 1219
- **Chlorpyrifos** (*see* Dursban)
- **Chlorpyrifos-methyl** (*see* Phosphorothioic acid, *O,O*-dimethyl *O*-(3,5,6-trichloro-2-pyridinyl) ester) 3396
- **Chlortetracycline**
  - diet component for, *Pieris brassicae,* not affecting granulosis infection 3894
  - in *Nephotettix cincticeps,* effects on rice yellow dwarf of 4751
  - in rice, effects on rice yellow dwarf of 4751
  - in *Sitophilus oryzae,* effects of 3394
  - monohydrochloride, in *Xyleborus ferrugineus,* effects on oviposition of 1358
- **Chlorthalonil** (*see* 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-)
- **Chlorthiepin** (*see* Endosulfan)
- **Chocho** (see *Sechium edule*)
- ***Choetopsila elegans***
  - in Pakistan 5208
  - parasitising, pests of stored grain, in Pakistan 5208
- **Cholan-24-amine, *N,N*-dimethyl-**
  - (5α)-
    - in *Aedes aegypti,* inhibiting development 1604
    - in *Blattella germanica,* inhibiting development 1604
    - in *Manduca sexta,* inhibiting development 1604
    - in *Musca domestica,* inhibiting development 1604
    - in *Spodoptera frugiperda,* inhibiting development 1604
    - in *Tribolium confusum,* inhibiting development 1604

Cholan-24-amine, *N,N*-dimethyl- *contd.*
- (5β)-
  - in *Aedes aegypti,* inhibiting development 1604
  - in *Blattella germanica,* inhibiting development 1604
  - in *Manduca sexta,* inhibiting development 1604
  - in *Musca domestica,* inhibiting development 1604
  - in *Spodoptera frugiperda,* inhibiting development 1604
  - in *Tribolium confusum,* inhibiting development 1604

Cholecalciferol (*see* 9,10-Secocholesta-5,7,10(19)-trien-3-ol, (3β)-)

Chol-5-en-24-amine, 3-(cyclopentyloxy)-*N,N*-dimethyl-
- (3β)-
  - in *Aedes aegypti,* inhibiting development 1604
  - in *Blattella germanica,* inhibiting development 1604
  - in *Manduca sexta,* inhibiting development 1604
  - in *Musca domestica,* inhibiting development 1604
  - in *Spodoptera frugiperda,* inhibiting development 1604
  - in *Tribolium confusum,* inhibiting development 1604

Chol-5-en-24-amine, 3-methoxy-*N,N*-dimethyl-
- (3β)-
  - in *Aedes aegypti,* inhibiting development 1604
  - in *Blattella germanica,* inhibiting development 1604
  - in *Manduca sexta,* inhibiting development 1604
  - in *Musca domestica,* inhibiting development 1604
  - in *Spodoptera frugiperda,* inhibiting development 1604
  - in *Tribolium confusum,* inhibiting development 1604

Chol-5-en-3-ol, 24-(dimethylamino)-
- (3β)-
  - in *Aedes aegypti,* inhibiting development 1604
  - in *Blattella germanica,* inhibiting development 1604
  - in *Manduca sexta,* inhibiting development 1604
  - in *Musca domestica,* inhibiting development 1604
  - in *Spodoptera frugiperda,* inhibiting development 1604
  - in *Tribolium confusum,* inhibiting development 1604

Cholestan-6-one, 3-hydroxy-, (3β)-, in *Trogoderma granarium,* not possessing cholesterol-sparing activity 2545

Cholest-5-ene, 3-chloro-, (3β)-, in *Trogoderma granarium,* inhibiting growth 2545

Cholest-5-ene, 3-methoxy-, (3β)-, in *Trogoderma granarium,* inhibiting growth 2545

Cholest-5-en-3-ol
- (3α)-, in *Trogoderma granarium,* not possessing cholesterol-sparing activity 2545
- (3β)- (cholesterol)
  - diet component for
    - *Epiphyas postvittana* 4663
    - *Hypera postica* 4661
    - *Ostrinia nubilalis* 1353
    - *Sitophilus granarius* 1702
    - *Zeiraphera diniana* 1159
  - in *Diatraea grandiosella* diet, 20,25-diazacholesterol inhibiting metabolism of 4515
  - in *Hylobius pales* diet, unable to repla β-sitosterol 1348
  - in insects
    - azasteroids not blocking synthesis o 1604
    - effects of triparanol on production 1727
  - in *Papilio protenor,* dietary requireme for 3059
  - in rats, not affected by dieldrin 2068
  - in *Tribolium castaneum* diet, effects o *Nosema* infection of 1192
  - in *Trogoderma granarium* diet, requirement for 2545
  - in *Vitula edmandsii* 2544
- acetate, (3β)-, not affecting attractancy *Pectinophora gossypiella* sex pheromone 4591
- benzoate, (3β)-, in *Acyrthosiphon pisum* diet, requirement for 1298

Cholest-7-en-6-one, 2,3,14,20,22,25,26-heptahydroxy-, (2β,3β,5β,22*R*)-, in *Manduca sexta* eggs 4102

Cholest-7-en-6-one, 2,3,14,20,22,25-hexahydroxy-
- (2β,3β,5β,22*R*)- (β-ecdysone; ecdysterone; 20-hydroxyecdysone)
  - in *Amyelois transitella* wing discs, stimulating cuticle deposition 299
  - in *Diatraea grandiosella,* role in diapause of 4103
  - in *Diatraea grandiosella* larvae, effects on spermatogenesis of 2560
  - in *Drosophila melanogaster,* effects on fat-body protein granules of 340
  - in *Ephestia cautella* wing discs, stimulating cuticle deposition 299
  - in *Galleria mellonella*
    - effects on development of 1721

- **holest-7-en-6-one, 2,3,14,20,22,25-hexahydroxy-** *contd.*
  - (2β,3β,5β,22*R*)- *contd.*
    - in *Galleria mellonella contd.*
      - effects on ovaries of 893
      - inducing development 894
    - in *Galleria mellonella* interganglionic connectives, stimulating shortening 3002
    - in *Manduca sexta* eggs 4102
    - in *Plodia interpunctella* wing discs, stimulating cuticle deposition 2994
    - with JH mimics
      - in *Galleria mellonella,* effects on development of 1721
      - in *Tenebrio molitor*
        - inhibiting development 4101
        - morphogenetic effects of 2957
- **holest-7-en-6-one, 2,3,14,20,22,26-hexahydroxy-, (2β,3β,5β,22*R*,25*R*)-,** with (2β,3β,5β,22*R*,25*S*)-2,3,14,20,22,26-hexahydroxycholest-7-en-6-one, in *Galleria mellonella* interganglionic connectives, stimulating shortening 3002
- **holest-7-en-6-one, 2,3,14,22,25,26-hexahydroxy-**
  - (2β,3β,5β,22*R*)-
    - in *Manduca sexta* eggs 4102
    - in *Musca domestica,* activity of 4102
- **holest-7-en-6-one, 2,3,14,20,22-pentahydroxy-, (2β,3β,5β,22*R*)-,** in *Galleria mellonella* interganglionic connectives, stimulating shortening 3002
- **holest-7-en-6-one, 2,3,14,22,25-pentahydroxy-**
  - (2β,3β,5β,22*R*)- (ecdysone; α-ecdysone)
    - in *Amyelois transitella* wing discs, stimulating cuticle deposition 2994
    - in *Ephestia cautella* wing discs, stimulating cuticle deposition 2994
    - in *Ephestia kuehniella,* effects on testes of 895
    - in *Galleria mellonella*
      - effects on protein synthesis of 37
      - inducing cell proliferation 894
    - in *Galleria mellonella* interganglionic connectives, stimulating shortening 3002
    - in *Manduca sexta* eggs 4102
    - in *Plodia interpunctella* wing discs, stimulating cuticle deposition 2994
    - in *Schistocerca gregaria*
      - metabolism of 1727
      - synthesis of 2121
    - insect control by disrupting metabolism of 1727
  - (2β,3β,5β,22*S*)-
    - in *Amyelois transitella* wing discs, not stimulating cuticle deposition 2994
- **Cholest-7-en-6-one, 2,3,14,22,25-pentahydroxy-** *contd.*
  - (2β,3β,5β,22*S*)- *contd.*
    - in *Ephestia cautella* wing discs, not stimulating cuticle deposition 2994
    - in *Galleria mellonella* interganglionic connectives, not stimulating shortening 3002
    - in *Plodia interpunctella* wing discs, not stimulating cuticle deposition 2994
- **Cholesterol** (*see* Cholest-5-en-3-ol, (3β)-)
- **Cholesterol, 6-keto-** (*see* Cholestan-6-one, 3-hydroxy-, (3β)-)
- **Cholesteryl chloride** (*see* Cholest-5-ene, 3-chloro-, (3β)-)
- **Cholesteryl methyl ether** (*see* Cholest-5-ene, 3-methoxy-, (3β)-)
- **Choline** (*see* Ethanaminium, 2-hydroxy-*N,N,N*-trimethyl-)
- ***Cholodkovskya viridanus*** (see *Adelges*)
- ***Cholus zonatus***
  - control of 5110
  - in St. Lucia 5110
  - on coconut
    - damage caused by 5110
    - in St. Lucia 5110
- ***Chondrilla juncea***
  - *Aceria chondrillae* on
    - and biological control using
      - in Australia 5087
      - in South Australia 3672
  - *Cystiphora* spp. on, and biological control using, in Australia 5087
  - *C. schmidtii* on, and biological control using, in South Australia 3672
  - *Puccinia chondrillina* in, and biological control using, in Australia 5087
- ***chondrillae, Aceria***
- ***Chorinaeus,*** taxonomy of 4541
- ***Chorinaeus californicus***
  - in USA (Alaska) 2259
  - parasitising, *Acleris gloverana,* in Alaska 2259
- ***Chorinaeus tricarinatus,*** taxonomy of, transferred to *Trieces* 4541
- ***Choristoneura biennis***
  - entomopox virus in, in British Columbia 4911
  - in Canada 4911
  - pox virus in 4574
- ***Choristoneura conflictana***
  - entomopox virus in, in Ontario 3875
  - in Canada 2386, 3875
- ***Choristoneura diversana***
  - in Japan 4844
  - on *Abies sachalinensis,* in Japan 4844
  - parasitised by, *Cephaloglypta laricis,* in Japan 4844
- ***Choristoneura fumiferana***
  - antennae in 6
  - control of 2401
    - *Bacillus thuringiensis* for 3926

Choristoneura fumiferana *contd.*
control of *contd.*
Bacillus thuringiensis for *contd.*
with chitinase 4415
insecticides for 694, 1636
conversion table for sampling units 1341
development in
effects of JH analogues on 4854
effects of temperature on 4853
eggs of, methods for counting 227, 4391
entomopox virus in, and biological control using 4911
in Canada 1969, 2386, 2399, 2401, 3273–3274, 3816, 3926, 4853, 4911
in USA 2401
juvenile hormone analogues in, effects of 4574
larvae of, effects of pre-storage conditions on survival of 2170
larval development in, effects of juvenile hormone analogues on 1201
males of, determining mating status of 1170
mortality in, effects of stage of budbreak of food-plant on 5200
Nosema fumiferanae in 3284
nuclear polyhedrosis virus in
and biological control using 4911
pathogenicity of 5197
on *Abies balsamea*
damage caused by 721, 1545
in New Brunswick 3273
in Ontario 3926, 4911
in Quebec 3274
on *Larix laricina,* in Ontario 3816
on *Picea glauca*
in Ontario 3926, 4911
in Quebec 3274
parasitised by, *Cephaloglypta laricis* 4844
Perezia fumiferanae in, morphology of 729
pox virus in, effects of 4574
Protozoa in 3333
pupae of, effects of juvenile hormone analogues on 1589
sterilisation of, γ-irradiation for 1580
traps for 2399
Choristoneura longicellana
in China 5125
on apple, in China 5125
taxonomy of, transferred from *Archips* 5125
Choristoneura murinana
in Romania 690
on *Abies alba,* in Romania 690
parasitised by, *Trieces tricarinatus* 4541
Choristoneura occidentalis
control of 695
hyperparasites of, in Colorado 4714
in USA 695, 1972, 4714
mortality in, effects of frosts on 1972
Choristoneura occidentalis *contd.*
on *Abies lasiocarpa,* in Montana 695
on *Larix occidentalis,* in Montana 1972
on *Picea engelmannii,* in Montana 695
on *Pinus ponderosa,* in Montana 1972
on *Pseudotsuga menziesii,* in Montana 695, 1972
parasites of
in Colorado 4714
in Oregon 4714
population dynamics of 695
Choristoneura pinus
control of, insecticides for 1636
in Canada 1636, 3273
on *Picea glauca,* in Manitoba 3273
on *Picea mariana,* in Manitoba 3273
on *Pinus banksiana*
in Manitoba 1636, 3273
in Ontario 1636
Choristoneura pinus pinus, in Canada 238
Choristoneura rosaceana
biology of 2389
control of, insecticides for 1899
in USA 1899, 2389
on *Acer saccharum,* in Michigan 2389
on apple, in Pennsylvania 1899
Chortoicetes terminifera
biology of 2639, 2646
control of, in New South Wales 2639
feeding behaviour in 4682
in Australia 2639, 2646, 4682
locustol not produced in 433
chotanica, Phyllotreta
Chrislure (*see* Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropyl)-, ethyl ester)
Chromaphis juglandicola
in USA 1455
on walnut, in California 1455
parasitised by, *Trioxys pallidus,* and biological control using, in California 1455
preyed on by, *Iridomyrmex humilis,* in California 1455
Chromatomyia, taxonomy of 2518
Chromic acid, sodium salt, with copper sulfate, and sodium arsenate, against, fungi and termites 2423
Chromoderus fasciatus
in USSR 4342
on sugar-beet, in Siberia 4342
Chrotogonus lugubris, biology of 3100–3101, 5054
Chrotogonus trachypterus, food preferences of 4680
Chrysanthemates, selective toxicity of 4537
Chrysanthemic acid (2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid)
4-ethoxy-2-methyl-4-oxo-2-butenyl ester, *trans*-(±)-, juvenile hormone activity related to structure of 2562

ysanthemic acid *contd.*
  ethoxy-4-oxo-2-butenyl ester, *trans*-(±)-, juvenile hormone activity related to structure of 2562
  hyl ester, attractant for, *Oryctes rhinoceros* 4765
  -methoxy-2-methyl-4-oxo-2-butenyl ester, *cis*-(±)-, juvenile hormone activity related to structure of 2562
  -methoxy-2-methyl-4-oxo-2-butenyl ester, *trans*-(±)-, juvenile hormone activity related to structure of 2562
ysanthemic acid, dihydro- (*see* Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropyl)-)
ysanthemic acid, ethano- (*see* Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-)
ysanthemum
  phis fabae on, in Maryland 2377
  acrosiphoniella sanborni on, in New South Wales 4192
  onocrotophos in, distribution of 4826
  yzus persicae on
    in Maryland 2377
    varietal preferences of 1532
  methoate in, toxicity of 1952
  hosphine in, toxicity of 3991
  etranychus urticae on
    in UK 2848
    varietal preferences of 1532
rysanthemum
  ranklíniella intonsa on, in South Korea 2586
  aplothrips chinensis on, in South Korea 2586
  icrocephalothrips abdominalis on, in South Korea 2586
  hrips hawaiiensis on, in South Korea 2586
rysanthemum aspermy virus
  n, *Brachycaudus helichrysi,* transmission of 734
  eview of 734
rysanthemum leucanthemum, *Dolycoris baccarum* on, in Norway 3504
rysanthemum morifolium, *Tetranychus urticae* on 91
rysanthemum mosaic virus
  n, *Brachycaudus helichrysi,* transmission of 734
  eview of 734
rysanthemum stunt virus, review of 734
rysea, Bactra verutana
ryseria helluo, parasitising, *Eurygaster integriceps* 1017
rysippus, Danaus
rysobothris femorata
  biology of 165
  control of 165
  in USA 165
Chrysocharis
  in Canada 4051–4052
  in USA 4051–4052
  parasitising, *Phytomyza vomitoriae,* in Florida 116
Chrysocharis aluta, sp. n., description of 4051
Chrysocharis beckeri, sp. n., description of 4052
Chrysocharis bellincus, sp. n., description of 4052
Chrysocharis clarkae, sp. n., description of 4052
Chrysocharis coptodiscae, sp. n., description of 4051
Chrysocharis cuspidigaster, sp. n., description of 4051
Chrysocharis giraulti, taxonomy of, proposed as name for *C. petiolatus* Gir. nec Först. 4052
Chrysocharis hirsutiventris, sp. n., description of 4051
Chrysocharis incerta, sp. n., description of 4051
Chrysocharis laricinellae, taxonomy of, characters distinguishing related species and 2523
Chrysocharis levipectus, sp. n., description of 4052
Chrysocharis milleri, sp. n., description of 4051
Chrysocharis nephereus
  in UK 2523, 3280
  parasitising, *Phyllonorycter* spp., in UK 3280
  taxonomy of, characters distinguishing related species and 2523
Chrysocharis nitetis
  taxonomy of
    characters distinguishing related species and 2523
    Chrysocharis novellus as synonym of 2523
Chrysocharis novellus, taxonomy of, synonym of *C. nitetis* 2523
Chrysocharis pentheus, taxonomy of, characters distinguishing related species and 2523
Chrysocharis petiolatus
  in USA 481
  parasitising, *Phytomyza vomitoriae,* in Georgia (USA) 481
Chrysocharis petiolatus **Gir. nec Först.,** taxonomy of, *Chrysocharis giraulti* proposed as name for 4052
Chrysocharis phyllotomae
  in Netherlands 3671
  parasitising, *Heterarthrus vagans,* in Netherlands 3671
Chrysocharis protolithocolletidis, sp. n., description of 4051

Chrysocharis robusta, sp. n., description of 4051
Chrysocharis stipitis, sp. n., description of 4051
Chrysocharis subcircularis, sp. n., description of 4052
Chrysocharis truncipennis, sp. n., description of 4052
Chrysocharis walleyi, sp. n., description of 4051
chrysocomae, Oxyacanthus, (*Tylococcus*)
Chrysodeixis chalcites (see *Plusia*)
Chrysoesthia sexguttella
  in Romania 4833
  on *Atriplex,* in Romania 4833
Chrysomela aenea
  in Bulgaria 1388
  parasitised by, *Meigenia mutabilis,* in Bulgaria 1388
Chrysomela decemlineata (see *Leptinotarsa*)
Chrysomela lapponica
  in USSR 3663
  on *Salix,* in Altai region 3663
  parasitised by, *Schizonotus sieboldi,* in Altai region 3663
Chrysomela populi
  in Yugoslavia 687
  preying on, *Gypsonoma aceriana,* in Yugoslavia 687
Chrysomela scripta
  biology of 3819
  in USA 3819
  on *Populus deltoides,* in Mississippi 3819
Chrysomelidae
  attraction of, to unsuitable food-plants 4630
  in Mexico 4630
  in Yugoslavia 4935
Chrysomelinae
  in Poland 2974
  zonal distribution of, in Altai region 3545
chrysomphali, Aphytis
Chrysomphalus aonidum
  control of, insecticides for 578, 583, 5132
  in Egypt 583, 1474, 3647
  in New Caledonia 2764
  in South Korea 2651
  in Surinam 578
  in USA 188
  in Venezuela 5132
  life-cycle of 578
  on *Citrus*
   in Egypt 583
   in Florida 188
   in New Caledonia 2764
   in Surinam 578
   in Venezuela 5132
  on orange, in Egypt 1474
  parasitised by, *Aphytis chrysomphali,* in Surinam 578
Chrysomphalus aonidum *contd.*
  preyed on by
   Cheletogenes ornatus, in Egypt 3647
   Cycloneda sanguinea, in Surinam 57
   Rhizobius pulchellus, in New Caledon 2764
  rearing of, techniques for 3058
Chrysomphalus dictyospermi
  in Australia 4307
  in USSR 1142
  on avocado, in Queensland 4307
  on tea, in USSR 1142
Chrysomphalus ficus (see *C. aonidum*)
Chrysopa
  in Haryana 4351
  in Mexico 1511
  insecticides in, toxicity of 4816
  mass-rearing and liberation of 2155
  preying on
   Bemisia tabaci 988
   cotton pests, in Rajasthan 3789
   Ferrisia virgata, in Madhya Pradesh 4229
   Hyalopterus pruni, in Iraq 921
Chrysopa albolineata
  in Pakistan 2674
  preying on, *Adelges* spp., in Pakistan 2674
Chrysopa altaica, in USSR 4046
Chrysopa carnea
  bait-sprays for 348
  diapause in 2570, 3505–3506
  in Bulgaria 3765
  in Czechoslovakia 2120, 2570
  in USA 348, 1520, 3443, 3505, 4818, 5166
  in USSR 2770, 5177
  in orchards, effects of insecticides on 2770
  insecticides in, toxicity of 1243
  nutrition of 348
  pesticides in, toxicity of 3578
  pirimicarb in, toxicity of 4941
  preying on
   Brevicoryne brassicae, in Bulgaria 3765
   Cinara juniperina, in Kazakhstan 51
   C. pseudosabinae, in Kazakhstan 51
   Pectinophora gossypiella, in Californi 4818
   Spodoptera exigua, in California 152
   Trichoplusia ni, in California 5166
  strains of 3443
  taxonomy of, *Chrysopa mohave* considered a synonym of 3443
  winter coloration of 2120
Chrysopa commata, in USSR 4046
Chrysopa dasyptera, in USSR 4046
Chrysopa hummeli, in USSR 4046
Chrysopa mohave
  in USA 1690
  reproductive cycle in 1690

- ***Chrysopa mohave** contd.*
  - taxonomy of, considered a synonym of *C. carnea* 3443
- ***Chrysopa perla***
  - cocoons of, cold storage of 1356
  - fecundity in 2551
  - in France 1356
  - oviposition in 2551
  - preying on
    - *Acyrthosiphon pisum* 3456
    - *Macrosiphum euphorbiae* 3456
    - *Myzus persicae* 3456
  - reproduction in, effects of nutrition on 3456
- ***Chrysopa phyllochroma,*** in USSR 4046
- ***Chrysopa ploribunda***
  - in Mexico 4250
  - insecticides in, toxicity of 4250
  - preying on, *Schizaphis graminum,* in Mexico 4250
- ***Chrysopa rufilabris***
  - acaricides in, toxicity of 4970
  - insecticides in, toxicity of 4970
  - mortality in, effects of parental age at mating on 3127
- ***Chrysopa septempunctata***
  - in USSR 2770
  - in orchards, effects of insecticides on 2770
- **Chrysopidae**
  - attraction of, to sucrose sprays 5072
  - in Austria 1313
  - preying on
    - *Ostrinia nubilalis,* in Minnesota 5072
    - *Psyllopsis fraxini,* in UK 4234
    - *Rhopalosiphum maidis,* in Minnesota 5072
- ***chrysorrhoea, Euproctis***
- ***Chrysoteuchia topiaria,*** reproduction in 87
- **Chytridiopsidae, fam. n.** 4875
- ***Chytridiopsis,*** taxonomy of, restricted to parasites of Coleoptera and Myriapoda 4875
- **Ciba 9491** (*see* Iodofenphos)
- **Cicadellidae**
  - in Cook Islands 4552
  - in Niue Island 4552
  - malathion in, toxicity of 4011
  - on cotton
    - in Iran 4360, 4813
    - in Ivory Coast 2373
  - on *Cynodon dactylon,* in Louisiana 4278
  - on soy bean, damage caused by 5149
  - on *Ulmus,* in USA 3842
- **Cicadidae**, in Sudan 2083
- ***Cicadulina bimaculata***
  - in Australia 4245
  - taxonomy of
    - *Cicadulina bipunctella* distinct from 4245
    - *Limotettix capitata* distinct from 4245
- ***Cicadulina bipunctella***
  - in Australia 4245
  - on rice 4262
  - taxonomy of
    - *Cicadulina bimaculata* distinct from 4245
    - *Limotettix capitata* distinct from 4245
- ***Cicadulina capitata,*** taxonomy of, transferred to *Limotettix* 4245
- ***Cicadulina mbila***
  - control of, insecticides for 4254
  - in Rhodesia 4254, 4742
  - on maize, in Rhodesia 4254
  - on wheat, in Rhodesia 4742
- ***Cicadulina parazeae***
  - control of, insecticides for 4254
  - in Rhodesia 4254, 4742
  - on maize, in Rhodesia 4254
  - on wheat, in Rhodesia 4742
- ***Cicadulina storeyi***
  - control of, insecticides for 4254
  - in Rhodesia 4254, 4742
  - on maize, in Rhodesia 4254
  - on wheat, in Rhodesia 4742
- ***Cicer arietinum*** (chick-pea)
  - *Agrotis segetum* on, development of 5088
  - *Callosobruchus chinensis* on, in India 5147
  - *C. maculatus* on, in India 5147
  - *Etiella zinckenella* on 5146
  - *Heliothis armigera* on
    - feeding preferences of 3760
    - in India 320
  - *Spodoptera exigua* on, development of 1360
  - *Tuberculobruchus* spp. on, in India 5147
- ***Cicer arietinum* (stored seeds)**
  - *Callosobruchus maculatus* in, resistance to 4400
  - pest control in 4402
  - *Trogoderma granarium* in, development of 1551
- ***cichorii, Dactynotus***
- ***Cicindela,*** in Moldavia 3071
- **Cicindelidae**, preying on, *Thecodiplosis japonensis,* in South Korea 2655
- **Cidial** (*see* Phenthoate)
- ***cilialis, Nascia***
- ***ciliata, Corythucha***
- ***ciliatus, Dacus***
- ***cilicrura, Hylemya*** (see *H. platura*)
- ***cilla, Enaysma***
- **Cimbicidae**, in USSR 2250
- ***Cimex lectularius,*** juvenile hormone analogues in, activity of 2562
- ***Cinara,*** on conifers, in New South Wales 4192
- ***Cinara acutirostris***
  - descriptions of 702
  - in Italy 702
  - on *Pinus nigra,* in Italy 702

Cinara curvipes
  Entomophthora spp. in, in Quebec 4433
  in Canada 4433
  on *Abies balsamea,* in Quebec 4433
Cinara juniperina
  in USSR 5177
  on *Juniperus,* in Kazakhstan 5177
  predators of, in Kazakhstan 5177
Cinara maghrebica
  descriptions of 702
  in Italy 702
  on *Pinus nigra,* in Italy 702
Cinara neubergi
  in Austria 718
  on *Pinus mugo,* in Austria 718
  taxonomy of, comparison of *C. pinea* and 718
Cinara piceicola
  biology of 3821
  on *Picea,* effects of 3821
Cinara pinea, taxonomy of, comparison of *C. neubergi* and 718
Cinara pseudosabinae
  in USSR 5177
  on *Juniperus,* in Kazakhstan 5177
  predators on, in Kazakhstan 5177
Cinara schimitscheki
  descriptions of 702
  in Italy 702
  in ants nests, in Italy 702
  on *Pinus nigra,* in Italy 702
cincta, Illeis
cincticeps, Nephotettix
cinctipennis, Closterocerus
cinctipes, Exetastes
cinctus, Cephus
cinctus, Emphytus, (*Allantus*)
Cineraria cruenta, *Tetranychus urticae* on 91
cinerascens, Isomera (see *Pseudogonia rufifrons*)
cinerascens, Locusta migratoria
cinereus, Hemaspidoproctus
cingulata, Rhagoletis
cingulatus, Dysdercus
cinnabarinus, Tetranychus
cinnamomeus, Aradus
cinnamomi, Aulacaspis (see *A. tubercularis*)
cinnamopterum, Tetropium
CIPC (*see* Carbamic acid, (3-chlorophenyl)-, 1-methylethyl ester) 1640
circellata, Hordnia
Circulifer opacipennis
  biology of 4343
  in India 4343
  in Turkey 4343
  on sugar-beet, in Punjab 4343
circumdata, Villa
circumflexa, Autographa
  (*Phytometra*)
  (*Syngrapha*)
circumflexum, Aulacorthum, (*Neomyzus*)
circumscriptus, Apanteles
Cirphis, in Spain 941
Cirphis compta (see *Spodoptera*)
Cirrospilus diallus
  in UK 3280
  parasitising, *Phyllonorycter* spp., in UK 3280
Cirrospilus multilineatus
  in USA 116
  parasitising, *Phytomyza vomitoriae,* in Florida 116
Cirrospilus pictus
  in Netherlands 2330
  parasitising, *Stigmella pyri,* in Netherlands 2330
Cirrospilus variegatus
  flight activity in 4825
  in Kenya 4825
  parasitising, *Leucoptera meyricki,* in Kenya 4825
Cirrospilus vittatus
  in Netherlands 456
  in UK 3280
  parasitising
    Phyllonorycter spp., in UK 3280
    Stigmella malella, in Netherlands 456
Cirsium arvense, *Lygaeus equestris* on 5025
Cissus adenocaulis, trap crop for *Taylorilygus vosseleri* 639
Cissus quadrangularis (see *Vitis*)
Cistogaster globosa
  in Hungary 3644
  parasitising, *Aelia* spp., in Hungary 364
citrella, Phyllocnistis
citri, Dialeurodes
citri, Diaphorina
citri, Panonychus
citri, Planococcus, (*Pseudococcus*)
citri, Prays
citri, Unaspis
citricida, Toxoptera
citrina, Aonidiella
citrinus, Aspidiotiphagus
citrophilus, Pseudococcus (see *P. calceolariae*)
Citrullus
  Aphis gossypii on, resistance to 1113
  Tetranychus urticae on, resistance to 1208
Citrullus vulgaris (see Watermelon)
Citrus (see also English names of individual species and hybrids)
  Aceria sheldoni on, in Egypt 972, 1337
  Aleurocanthus woglumi on, in Oman 3754
  Aleurothrixus floccosus on
    in Brazil 5130
    in France 576, 4225
    in Spain 3748
  Anastrepha ludens on, in Belize 183

itrus contd.
Aonidiella aurantii on
  in California 3060
  in Egypt 3752
  in Morocco 1586
  in South Australia 760, 4779–4781
  in Uttar Pradesh 577
  varietal preferences of 584
A. citrina on
  in California 4624
  in Florida 188
Aphis gossypii on, in Spain 4308
A. spiraecola on
  in Florida 1475
  in Italy 582
Brevipalpus phoenicis on
  in Colombia 180, 2781
  in Egypt 906
  in Hawaii 3503
Cacoecimorpha pronubana on, in Spain 4311
Ceratitis capitata on
  in Israel 4989
  in Spain 1100, 3751, 4311, 4778
Ceroplastes rusci on, in Sicily 581
Chrysomphalus aonidum on
  in Egypt 583
  in Florida 188
  in New Caledonia 2764
  in Surinam 578
Coccus capparidis on, in Florida 4640
C. perlatus on, in Brazil 586
Cryptoblabes gnidiella on, in Egypt 4609
Cryptophlebia leucotreta on, in Ivory Coast 4814
Dialeurodes citri on
  in Japan 184
  in Uttar Pradesh 577
Diaphorina citri on, in Réunion 1905
Ectomyelois ceratoniae on, in Spain 4311
Empoasca niuensis on, in Niue Island 4552
Eutetranychus orientalis on, in Egypt 583, 972, 3119
Frankliniella intonsa on, in South Korea 993
Gascardia destructor on
  in New Zealand 1809
  in Uganda 4064
Homorocoryphus nitidulus on, in USSR 5097
Icerya aegyptiaca on, in Pakistan 3123
I. purchasi on
  in California 1584
  in Ethiopia 1827
Insulaspis gloverii on, in Florida 188
Lachnosterna consanguinea on, in India 4189
Lepidosaphes beckii on
  in Egypt 583
  in Florida 188
  in New Caledonia 2764

Citrus contd.
Lorryia turrialbensis on, in Colombia 180, 2781
Marmara spp. on
  in Arizona 579
  in California 579
Megalurothrips distalis on, in South Korea 993
mites on
  in Egypt 1098, 2784
  in Mozambique 3213
monocrotophos in, residues of 4019
Nipaecoccus vastator on, in South Africa 999
Orgyia mixta on, in Angola 2147
Othreis fullonia on, in Uttar Pradesh 577
Oxycetonia versicolor on, in Rajasthan 2224
Panonychus citri on
  in Florida 2065
  in South Africa 3749
Papilio andraemon on, in Jamaica 2335
P. demoleus on, in Uttar Pradesh 577
Paracoccus burnerae on, in South Africa 999
Paralebeda plagifera on, in West Bengal 1906
Parlatoria pergandii on
  in Florida 188
  in Israel 5070
pest control on, in El Salvador 2757
pests of, in Venezuela 5132
Phyllocnistis citrella on, in Uttar Pradesh 577
Phyllocoptruta oleivora on
  in Colombia 180, 2781
  in Egypt 972
  in Florida 278, 2065
  in Texas 181
Planococcus citri on, in Spain 3211, 4311
Polyphagotarsonemus latus on, in Venezuela 5131
Prays citri on, in Spain 3753
Pseudaonidia trilobitiformis on, in New Caledonia 2764
Pseudococcus fragilis on, in Italy 580
Rhynchocoris humeralis on, in Uttar Pradesh 577
Saissetia oleae on, in Spain 4311
Selenaspidus articulatus on, in Cuba 2783
soil arthropods associated with 48
Spodoptera littoralis on, development of 4674
Tetranychus neocaledonicus on, in Egypt 960
Toxoptera aurantii on, in New South Wales 4192
T. citricida on
  in New South Wales 4192

- ***Citrus*** *contd.*
  - *Toxoptera citricida* on *contd.*
    - in New Zealand 4560
  - *Trioza erytreae* on
    - in Réunion 1905
    - in Rhodesia 999, 3257
    - in South Africa 179, 999
  - tristeza virus in, in Malaysia 3209
  - *Unaspis citri* on, in Venezuela 4310
  - *U. yanonensis* on, in France 3747
  - *Zonocerus variegatus* on, in Nigeria 3631
- ***Citrus aurantifolia*** (see Lime (*Citrus aurantifolia*))
- ***Citrus grandis,*** citrus greening disease in, in Thailand 4309
- **Citrus greening disease**
  - causal agent, in, *Trioza erytreae,* transmission of 3210
  - control of, pressure injection devices for 4872
  - in Réunion 1905
  - in Thailand 4309
  - symptoms of 235
- **Citrus groves**
  - pesticide hazards in 4984
  - *Typhlodromus tetramedius* in, in Egypt 4
- ***Citrus jambhiri,*** *Aonidiella aurantii* on, varietal preferences of 584
- **Citrus likubin disease,** causal agent, in, *Diaphorina citri* 736
- ***Citrus limetta,*** *Aonidiella aurantii* on, varietal preferences of 584
- ***Citrus limon*** (see Lemon)
- **Citrus meal,** bait component for, leaf-cutting ants 2244–2246
- ***Citrus paradisi*** (see Grapefruit)
- **Citrus peel,** bromomethane in, residues of 4016
- **Citrus pulp, dried,** bait component for, leaf-cutting ants 1819
- ***Citrus reticulata*** (see Mandarin and tangerine)
- ***Citrus sinensis*** (see Orange)
- **Citrus stubborn disease,** *Spiroplasma citri* associated with 3869
- **Citrus 'Swazi spot',** not associated with arthropods 185
- **Citrus tristeza virus**
  - in
    - *Citrus,* in West Malaysia 3209
    - *Toxoptera citricida,* transmission of 3209
- ***civilis, Lygaeus*** (see *Spilostethus pandarus*)
- **CL-47470** (*see* Phosphoramidic acid, (4-methyl-1,3-dithiolan-2-ylidene)-, diethyl ester) 3167
- ***Cladium mariscus,*** *Nascia cilialis* on 1927
- ***Cladius pectinicornis***
  - in USSR 548
  - on roses, in USSR 548
- ***Cladius pectinicornis*** *contd.*
  - on strawberry, in USSR 548
- ***Cladius viminalis*** (see *Trichiocampus*)
- ***Cladosporium cladosporioides,*** in, aphids, transmission of 3309
- ***Cladosporium cucumerinum***
  - control of, fungicides for 3572
  - in, cucumber, in Poland 3572
- ***Cladosporium herbarum,*** in, *Tenebrio molitor,* effects of 4414
- ***Cladosporium tenusemium,*** in, *Orosius albicinctus,* pathogenicity of 637
- **Clam, hard-shell** (see *Mercenaria mercenaria*)
- ***clandestinus, Synergus***
- ***Clarias anguillularis,*** insecticides in, residues of, in Chad 4536
- ***claripalpis, Paratheresia***
- ***claripennis, Elasmus***
- ***clarkae, Chrysocharis***
- ***clausthaliana, Pseudohermenias***
- ***Clavaspis perplexus***
  - sp. n., description of 2972
  - in South Africa 2972
- ***clavata, Coruna***
- ***clavellatus, Aphycoides***
- ***clavifer, Helopeltis***
- ***claviger, Cheiloneurus***
- ***Clavigralla gibbosa***
  - in India 3235
  - on *Cajanus cajan,* in Madhya Pradesh 3235
  - parasitised by, *Bochartia* spp., in Madhya Pradesh 3235
- ***clavipes, Otiorhynchus***
- ***Cleistopholis patens,*** *Bunaea alcinoe* on, in Nigeria 3283
- ***clematidis, Aphis***
- ***Clematis,*** *Aphis clematidis* on, in India 4055
- **Clementine** (*see* Mandarin and tangerine)
- **Cleoninae,** in Afghanistan 397
- ***Cleora inflexaria*** (see *C. repetita*)
- ***Cleora repetita***
  - in Australia 4307
  - on avocado, in Queensland 4307
- ***Clepsis spectrana***
  - control of, insecticides for 195
  - in Netherlands 195
  - on brussels sprouts, in Netherlands 195
- **Cleridae,** preying on, *Dendroctonus* spp., in Guatemala 5189
- ***clerkella, Lyonetia***
- ***Cletus pugnator***
  - in Japan 1868
  - on rice, in Japan 1868
- ***Cletus trigonus***
  - in Japan 1868
  - on rice
    - damage caused by 518
    - in Japan 1868

linocentrus, parasitising, *Zeiraphera improbana,* in Ontario 3816

lisiocampae, Ooencyrtus

lita, Apanteles

litostethus dispar
- in Trinidad and Tobago 1887
- preying on, *Aleurodicus cocois,* and biological control using, in Brazil 1887

livina fossor
- control of, insecticides for 1042
- in France 1042
- on maize, in France 1042

livina impressifrons
- control of, insecticides for 1042
- in USA 1042
- on maize, in Illinois 1042

lodia, Empoasca

loethrips oryzae
- in South Korea 993
- on rice, in South Korea 993

lorofos (*see* Trichlorphon)

lostera anastomosis (see *Pygaera*)

losterocerus cinctipennis
- in USA 116
- parasitising, *Phytomyza ilicicola,* in Florida 116

losterocerus tricinctus
- in USA 116
- parasitising, *Phytomyza ilicicola,* in Florida 116

lostridium brevifaciens, in, *Lambdina fiscellaria,* in Quebec 3272

loth (*see* Textiles)

lover (see *Trifolium*)

lover, alsike (see *Trifolium hybridum*)

lover, Egyptian (see *Trifolium alexandrinum*)

lover, ladino (see *Trifolium repens*)

lover phyllody
- causal agent
  - in
    - *Euscelis lineolata,* multiplication of 4889
    - *Macrosteles fascifrons,* transmission of 3308

lover, red (see *Trifolium pratense*)

lover, strawberry (see *Trifolium fragiferum*)

lover, subterranean (see *Trifolium subterraneum*)

lover (subterranean) red leaf virus
- in
  - *Aphis craccivora,* not transmitted 3713
  - *Aulacorthum solani,* transmission of 3713
  - lucerne, in New Zealand 3713
  - *Macrosiphum euphorbiae,* transmission of 3713
  - *Myzus persicae,* not transmitted 3713
  - soy bean, in New Zealand 3713

Clover (subterranean) red leaf virus *contd.*
- in *contd.*
  - *Vicia faba,* in New Zealand 3713

Clover (subterranean) stunt virus
- in
  - *Aphis craccivora,* in Australia 3532
  - *Medicago polymorpha,* in Australia 3532
  - *Trifolium subterraneum,* in Australia 3532
- relation of pea leaf roll virus and 3713

Clover, sweet (see *Melilotus*)

Clover, white (see *Trifolium repens*)

Clubiona japonicola
- in South Korea 2655
- preying on, *Thecodiplosis japonensis,* in South Korea 2655

Clytiomya helluo (see *Chryseria*)

Clytus arietis
- flight activity in 2857
- in Belgium 2857

Cnaphalocrocis medinalis
- biology of 3168
- control of, insecticides for 3168–3169
- in India 3168–3169
- on rice
  - in Kerala 3168
  - in Madhya Pradesh 3169

cnejus, Euchrysops, (*Catochrysops*)

Cnephasia alternella (see *C. stephensiana*)

Cnephasia incertana
- in France 1849
- parasitised by, *Hypomicrogaster tiro,* in France 1849

Cnephasia interjectana
- control of 3585
- in Austria 3585
- in France 1849
- on *Salix americana,* in Austria 3585
- on *Salix viminalis,* in Austria 3585
- parasitised by, *Hypomicrogaster tiro,* in France 1849

Cnephasia pumicana
- control of, insecticides for 4743
- in France 1849, 4743
- on barley, in France 4743
- on wheat, in France 4743
- parasitised by, *Hypomicrogaster tiro,* in France 1849

Cnephasia stephensiana
- in France 1849
- parasitised by, *Hypomicrogaster tiro,* in France 1849

Cnephasia virgaureana (see *C. interjectana*)

Cnephasia wahlbomiana (see *Pseudosciaphila branderiana*)

Cnicus wallichii, *Ostrinia kasmirica* on, in India 3145

Coal tit (see *Parus ater*)

coarctata, Hylemya
- (*Leptohylemyia*)
- (*Phorbia*)

coarctata, Scotinophara
coarctatus, Paradesmus, (*Oxidus*)
coatesi, Amblyseius
cocana, Eucosma
Coccidae
  fungi in, in Ghana 3289
  in Kazakhstan 2615
  natural enemies of, in Turkmenia 457, 997
Coccinella arcuata
  in Australia 5080
  preying on, *Perkinsiella saccharicida* 5080
Coccinella axyridis (see *Harmonia*)
Coccinella conglobata (see *Synharmonia*)
Coccinella decempunctata (see *Adalia*)
Coccinella repanda
  in Australia 4302
  preying on, *Myzus cerasi,* in New South Wales 4302
Coccinella septempunctata
  biology of 1000
  carbaryl in, toxicity of 1120
  diapause in 4912
  fecundity in, effects of food on 4913
  in Bulgaria 3765
  in Finland 4912
  in India 1120
  in Italy 1496
  in Norway 5127
  in South Korea 3642
  in Turkey 4480
  in UK 3133
  in USSR 1000, 2622
  in Yugoslavia 464
  insecticides in, toxicity of 1243
  Mermithidae in, in Kazakhstan 2622
  pesticides in, toxicity of 3578
  preying on
    Acyrthosiphon pisum 4913
      in India 1120
      in USSR 1000
    aphids
      in Norway 5127
      in UK 3133
    Aphis craccivora, in India 1120
    Brevicoryne brassicae, in Bulgaria 3765
    Hyphantria cunea, in South Korea 3642
    Leptinotarsa decemlineata, in Italy 1496
    Macrosiphum rosae 4913
      and biological control using 4914
    Myzus persicae 4913
      and biological control using 4914
    Oulema melanopus, in Yugoslavia 464
Coccinella transversoguttata, diapause in 5021
Coccinella undecimpunctata
  in Egypt 1384
  in India 4351
Coccinella undecimpunctata *contd.*
  in USSR 1000
  preying on, *Spodoptera littoralis* 1384
Coccinellidae
  in Goa 1271
  in Romania 404
  in Turkey 4723
  preying on, cotton pests, in Ivory Coast 2373
Coccinia indica, *Ophiomyia centrosematis* on, in India 2522
coccivora, Scymnus, (*Pullus*)
Coccoidea
  in Easter Island 2253
  in Mozambique 3641
Coccoloba uvifera, *Ctenodactylomyia watsoni* on, in Florida 2592
Coccophagus aleurodici, parasitising, *Aleurodicus cocois,* and biological control using, in Brazil 1887
Coccophagus lycimnia
  in Czechoslovakia 3741
  in USSR 572, 4299
  parasites of, in Czechoslovakia 3741
  parasitising
    Eulecanium prunastri, in USSR 4299
    Parthenolecanium corni, in Czechoslovakia 3741
    Rhodococcus turanicus, in Kazakhstan 572
Coccophagus palaeolecanii
  in USSR 5121
  parasitising
    Eulecanium bituberculatum
      and biological control using 5121
      in Georgia (USSR) 5121
Coccophagus tschirchi
  in India 4217
  parasitising, *Kerria lacca,* in Bihar 4217
Coccus acrossus
  sp. n., description of 860
  in Angola 860
  on *Elaeis guineënsis,* in Angola 860
Coccus capparidis
  in Bahamas 4640
  in Honduras 4640
  in India 4640
  in USA 4640
  in USA (Hawaii) 4640
  on orange, in Florida 4640
Coccus celatus
  in Kenya 860
  on coffee, in Kenya 860
Coccus hesperidum
  in Australia 4780
  in Israel 3745
  in South Africa 314
  in South Korea 2651
  in USSR 1142
  on *Citrus*
    in Israel 3745
    in South Australia 4780

occus hesperidum *contd.*
  on tea, in USSR 1142
  parasitised by
    Metaphycus flavus, in Israel 3745
    M. stanleyi, in South Africa 314
  taxonomy of 318
occus oleae (see *Saissetia*)
occus perlatus
  in Argentina 586
  in Brazil 586
  in Paraguay 586
  in Uruguay 586
  on *Citrus,* in Brazil 586
occus pseudomagnoliarum
  in USSR 1142
  on tea, in USSR 1142
occus viridis
  control of, insecticides for 5132
  in Venezuela 5132
  on *Citrus,* in Venezuela 5132
occus viridulus
  in Uganda 860
  on coffee, in Uganda 860
occygomimus disparis (see *Pimpla*)
occygomimus laothoe
  in India 3145
  parasitising, *Ostrinia kasmirica,* in India 3145
occygomimus turionellae (see *Pimpla*)
ochleariae, Phaedon
ockerelli, Phenacaspis
ocklebur (see *Xanthium*)
ockroaches, reproduction in 2529
ockroaches, chopped
  diet component for
    Monomorium pharaonis 4691
    Solenopsis invicta 4687
ocoa (*see* Cacao)
ocois, Aleurodiscus
oconut (*Cocos nucifera*)
  Aceria guerreronis on, in Dahomey 260
  Aleurodicus cocois on, in Brazil 1887
  A. jamaicensis on, in Jamaica 4416
  Amblypelta cocophaga on, in Solomon Islands 4765
  Anomala marginipennis on, in Kerala 543
  Aspidiotus coryphae on, in Philippines 4554
  A. destructor on
    in Hawaii 3715
    in Surinam 542
  A. nerii on, in New Caledonia 2764
  Aulacaspis tubercularis on, in New Hebrides 2764
  Axiagastus cambelli on, in Lihir Islands 4144
  Brassolis sophorae on, in Surinam 542
  Brontispa longissima on
    in New Caledonia 3652
    in Solomon Islands 4765
  Cholus zonatus on, in St. Lucia 5110
Coconut *contd.*
  Dynastidae on, in New Guinea 2310
  Lapaeumides dedalus on, in Surinam 542
  Leucopholis coneophora on, in Kerala 543
  Oryctes rhinoceros on
    in Fiji 4765
    in New Britain 3056
    in New Guinea 4144
  Promecotheca papuana on, in New Britain 4144
  Rhynchophorus bilineatus on, in Papua New Guinea 4144
  R. palmarum on, in Venezuela 5108–5109
  Scapanes australis on, in New Guinea 4144
  Sibine spp. on 4285
  Sparganobasis subcruciatus on, in Papua New Guinea 4144
  Strategus aloeus on, in Surinam 542
  Thosea sinensis on, in Papua 4144
  Zophiuma lobulata on, in New Guinea 4144
Coconut husk, shredded, diet component for, *Rhabdoscelus obscurus* 1031
Coconut lethal yellowing disease 4416
Coconut red-ring disease (see also *Rhadinaphelenchus cocophilus*)
  control of 5108–5109
  symptoms of 5108
Cocoonase (*see* Trypsin)
cocophaga, Amblypelta
Cocos nucifera (see Coconut)
Codiaeum, *Neodichopelmus samoanus* on, in Western Samoa 1665
Codiosoma spadix
  in USA 2421
  in timber, in California 2421
Codlemone (*see* 8,10-Dodecadien-1-ol, (*E,E*)-

Codling moth (see *Cydia pomonella*)
coeca, Braula
Coelichneumon rudis
  in Spain 670
  parasitising, *Thaumetopoea pityocampa,* in Spain 670
coelodasidis, Telenomus
Coelopencyrtus, in Italy 863
Coelopencyrtus ampelodesmae
  sp. n., description of 863
  in Italy 863
Coelopencyrtus porticensis
  sp. n., description of 863
  in Italy 863
Coelophora inaequalis
  in New Zealand 4560
  preying on, aphids, in New Zealand 4560
Coelopisthia cephalotes
  in Cyprus 3832

Coelopisthia cephalotes *contd.*
  parastising, *Thaumetopoea wilkinsoni,* in Cyprus 3832
Coelosis, in *Atta* refuse chambers 442
coenia, Junonia
coerulea, Arcte
coerulescens, Osphranteria
Coffea arabica (see Coffee)
Coffea canephora (see Coffee)
coffeae, Oligonychus
coffeae, Saissetia
Coffee (*Coffea* spp.)
  Antestiopsis intricata on, in Ethiopia 1827
  Ascotis selenaria on, in Kenya 2258
  BHC in, effects of 654
  captafol in, determination of 3051
  Chavesia eversi on, in Colombia 3435
  Coccus celatus on, in Kenya 860
  C. viridulus on, in Uganda 860
  dieldrin in, effects of 654
  Ectropis spp. on, in New Guinea 4144
  Hypothenemus hampei on, in Brazil 4018
  insecticides in, toxicity of 2845
  Lachnosterna spp. on, in Mysore 653
  Leucoptera caffeina on, in Tanzania 655
  L. coffeella on, in Cuba 2845, 3262
  L. meyricki on
    in Kenya 4825
    in Tanzania 655
  Planococcus kenyae on, in Kenya 3650
  Pyrrhalta placida on, in Nigeria 3693
  Saotomaspis castelbrancoi on, in São Tomé 4559
  Tiracola plagiata on, in New Guinea 4144
  Xylosandrus compactus on, in Mysore 654
  Xylotrechus quadripes on, in Mysore 654
Coffee liquor, effects of insecticides on 4018
Coffee powder, *Monomorium pharaonis* in, in East Germany 3637
Coffee (stored beans), *Araecerus fasciculatus* in, damage caused by 3854
coffeella, Leucoptera
coffeicola, Pediobius
cognata, Aelia
cognatella, Aphis
cognatellus, Yponomeuta, (*Hyponomeuta*)
coheni, Aphytis
Colaphellus alpinus
  in USSR 1130
  on onion, in Buryatia 1130
Cold storage, pesticides in, stability of 2938
Coleomegilla maculata (see *Ceratomegilla*)
Coleophora, preyed on by, *Sturnus vulgaris,* in New Zealand 4698
Coleophora deauratella, taxonomy of, *Coleophora frischella* misidentified as, in Tasmania 2307
Coleophora frischella
  in Australia 2307
  on *Trifolium repens*
    damage caused by 2307
    in Tasmania 2307
  taxonomy of, misidentified as *C. deauratella,* in Tasmania 2307
***Coleophora frischella* auct.** (see *C. trifolii*)
Coleophora fuscedinella (see *C. serratella*)
Coleophora laricella
  in Canada 2386, 3816
  in USA 3840
  natural enemies of 2871
  on *Larix laricina,* in Ontario 3816
  on *Larix occidentalis*
    forecasting infestations of 3840
    in Idaho 3840
    in Montana 3840
    in Washington 3840
Coleophora serratella
  in Canada 2386, 4051
  natural enemies of 2871
  on *Betula,* in Canada 4051
Coleophora spissicornis
  in New Zealand 1808
  on *Trifolium fragiferum,* in New Zealand 1808
  on *Trifolium repens,* in New Zealand 1808
Coleophora trifolii
  in New Zealand 1808
  on *Trifolium fragiferum,* in New Zealand 1808
  on *Trifolium repens,* in New Zealand 1808
Coleophoridae
  family-group names in 3441
  genus-group names in 3441
Coleoptera
  genitalia of, preparation of 3066
  on cotton, in Egypt 4357
  on trees, in Iraq 1158
  pox virus in 3332
  preyed on by, *Apteryx australis,* in New Zealand 3651
Coleotechnites
  control of, insecticides for 692
  on *Pinus contorta*
    in California 692
    in Oregon 692, 2861
    resistance to 2861
Coleotechnites thujaella, in Canada 2386
Colias eurytheme
  colour phases in 1694
  reproductive isolation in 62
Colias philodice, reproductive isolation in 62
Colinus virginianus, insecticides in, residues of 4966

donus montanus
  ilo iridescent virus in, pathogenicity of 2438
  estern X-disease, causal agent in, transmission of, effects of bacteria on 3866
rd (*see* Kale)
ris, Macrocentrus
mbola
  Indiana 1270
  Portugal 2257
  Spain 2257
  soil
    effects of gases on 2166–2167
    not affected by low-frequency electromagnetic radiation 1761
  eying on, soil nematodes 4726
  ring of, techniques for 80
ps, insecticides in, toxicity of 4816
ps vittatus
  velopment in 2110
  USA 2110
  eying on, *Sitotroga cerealella* 2110
mbia
  raulis vanillae in
    natural enemies of 2009
    on *Passiflora edulis* 2009
  evipalpus phoenicis in, on *Citrus* 180, 2781
  avesia eversi in, on coffee 3435
  ton in, pests of 1928
  est pests in 1153
  rryia turrialbensis in, on *Citrus* 180, 2781
  yllocoptruta oleivora in, on *Citrus* 180, 2781
  ytoseiidae in 2094
nbica, Atta
phospermum mopane, *Gonimbrasia elina* on, in South Africa 106
rado
  orisoneura occidentalis in, natural enemies of 4714
  oryctria pseudotsugella in, on *Pseudotsuga* 2511
  trova arizonensis in, on *Pinus* 1958
  agoletis indifferens in, on cherry 1896
rado beetle (see *Leptinotarsa ecemlineata*)
tois pennaria
  ntrol of
    Bacillus thuringiensis for 4847
    insecticies for 4847
  Austria 4847
  Quercus, in Austria 4847
oclypeus, parasitising, *Athalia cordata,* Bulgaria 487
oclypeus florus
  Italy 1074
  rasitising, *Ancylis comptana,* in Italy 1074
mbianus, Corthylus
comans, Pholeomyia
comariana, Acleris
comatus, Aculus
commata, Chrysopa
Commelina diffusa, *Sturnella magna* on, in Florida 4707
commodus, Teleogryllus
communis, Amara
communis, Melanotus
communis, Panorpa
comosa, Aphis
compactus, Xylosandrus
comperei, Cheiloneurus
Comperiella bifasciata, malathion in, toxicity of 761
complanatus, Trioxys
Complement fixation tests, for comparing milky disease agents 3312
completa, Rhagoletis
compositae, Macrosiphum, (*Dactynotus*)
compressus, Janus
Compsilura concinnata
  in Cyprus 3832
  in Hungary 3222
  in USA 2672
  parasitising
    Lymantria dispar
      and biological control using, in Pennsylvania 5179
      in Massachusetts 2672
    Pieris brassicae, in Hungary 3222
    Thaumetopoea wilkinsoni, in Cyprus 3832
compta, Hypera
compta, Spodoptera, (*Cirphis*)
comptana, Ancylis
comstocki, Eulasiona
comstocki, Pseudococcus
concavicornis, Linnaemya
Conchaspididae, taxonomy of 1659
Conchaspis lata
  morphology of 1660
  taxonomy of 1659
concinna, Chaetocnema
concinnata, Compsilura
concolor, Opius
Conditional lethal traits, insect control using 4109
coneophora, Leucopholis
Conferences (1965), 10th Peripatetic conference of German entomologists 809
Conferences (1968), XIIIth International Congress of Entomology 39, 97
Conferences (1969)
  Biological control in the forest 3349
  Dispersal and dispersal power of Carabid beetles 5027
  IBP Subsection on Biological Control 4753
  Symposium on Biochronometry 3039

Conferences (1969) *contd.*
- The Control of Insects in Stores of Home-grown Grain 2880

Conferences (1970)
- Biological bases of chemical control of cotton pests 5263
- Crop protection in Malaysia 4610
- Franco-Czechoslovak colloquium on insect hormones 1716
- International Symposium on Phytopharmacy and Phytiatry 3603
- Methods of investigating the Productivity of Social Insects and their Rôle in the Ecosystems 2677
- National Congress of Entomology, Mexico 295, 1504, 1680, 2020, 2027, 2148, 2380, 2411, 2528, 2710, 2742, 2753, 2793
- Nordic Congress of Entomology 4029
- Pesticides identification at the residue level 279
- Problems of economic injury thresholds in plant protection and their assessment 1211
- Seminar on insect physiology on the theme of reproduction 2547
- Working Party on Integrated Control in Mediterranean Pine Forests 665

Conferences (1971)
- Computer models and application of the sterile-male technique 3904
- Control of sorghum shoot fly 1046
- Grain storage in the humid tropics 3844
- Insect systematics 2968
- Institute of Plant Protection of Poland 1233
- Legislation, regulations and the New Zealand entomologist 3970
- Oak symposium 4829
- Rice production under environmental stress 4257
- Some recent advances in insect pathology 3327
- 3rd International Congress of Acarology 943

Conferences (1972)
- American Phytopathological Society 1564
- Biological control of parasitic disease agents 3359
- Ecology in Relation to Plant Pest Control 1254
- Entomological Society of New Zealand 419
- FAO working party of experts on pesticide residues 4512
- Institute for Plant Protection, Poznań 3569
- International Congress of Entomology 3371, 4110
- On the conservation of insects 2209

Conferences (1972) *contd.*
- Population Management and Integrated Control 3371
- Radiation preservation of food 2076
- Recent Advances with Pyrethrum the Natural Insecticide 4942
- Turfgrass entomology 1435
- WHO expert committee on pesticide residues 4512

Conferences (1973)
- Australian Entomological Society 339
- Insect Pathology and Microbial Contro 3345
- Methods used in the study of Diptera economic importance 4172

conflictana, Choristoneura

conflua, Stomphastis

conformis, Leis

confusa, Blastothrix

confusum, Tribolium

congesta, Liriomyza

congestus, Apanteles

conglobata, Synharmonia, (*Coccinella*)

congregatus, Apanteles

congressis, Hyperaspis

conica, Brachymeria

conica, Pyrgomorpha

Conicobruchus albopubens
- in India 5147
- on *Cyamopsis tetragonoloba,* in India 5147

Conicosoma gracile
- gen. et sp. n., description of 305
- in South Africa 305
- on *Galenia africana,* in South Africa

Conidiobolus
- in
  - *Chilo suppressalis,* infectivity of 118
  - *Laodelphax striatella,* in Japan 118
  - *Nilaparvata lugens,* in Japan 1182

Conidiobolus coronatus 1182

Conifers, insects on, assessing infestations 3273–3274

Coniophora puteana, in wood, effects on termites of 1860

Conistra erythrocephala
- coldhardiness in 1316
- hunger-resistance in, effects of temperature on 1316

conjugella, Argyresthia

Connecticut
- *Aegeria scitula* in, on *Cornus florida* 3834
- *Blissus leucopterus* in, in lawns 1877
- *Ennomos subsignarius* in
  - natural enemies of 1839–1840
  - on apple 1898
  - on *Quercus* 1839
  - on shade trees 1538
- *Hyperodes anthracinus* in, on *Poa* 23
- *H. maculicollis* in, on *Poa* 2303

necticut *contd.*
  ygus lineolaris in, natural enemies of 3130
  ymantria dispar in 1306
    natural enemies of 1844, 2395, 4878
    on apple 1898
    on *Quercus* 2395
    on shade trees 1538
  namental plants in, pest control on 4827
nexa, Eriopis
oderus, in Virgin Islands 4141
oderus falli, in USA 1352
omyrma insana
  USA 1855
  eying on, soy-bean pests, in Florida 1855
omyrma pyramica (see *C. insana*)
otracheli, Patasson
otrachelus dimidiatus, control of,
  umigants for 2758
otrachelus nenuphar
  ntrol of, insecticides for 1465
  Canada 3732
  USA 1465
  n apple
    in Ohio 1465
    in Ontario 3732
  V responses in 2172
quisitor, Itoplectis
anguinea, Lachnosterna, (*Holotrichia*)
tricta, Agallia
tricta, Gascardia
trictus, Melangyna, (*Mesosyrphus*)
tarinia baeri
  ology of 2393
  Czechoslovakia 2393, 5192
  Pinus, in Czechoslovakia 5192
  Pinus sylvestris
    damage caused by 2393
    in Czechoslovakia 2393
tarinia medicaginis
  ology of 2308
  ntrol of, insecticides for 3708
  France 3708
  Greece 2308
  USSR 147
  lucerne
    in France 3708
    in Greece 2308
    in USSR 147
  rasites of, in Greece 2308
tarinia pyrivora
  UK 4298
  pear, in UK 4298
tarinia sorghicola
  ology of 4274
  ntrol of, insecticides for 2716, 4275
  scriptions of 4274
  Australia 4276
  India 4228, 4274
  Mexico 2715, 2718

Contarinia sorghicola *contd.*
  in USA 2301, 3702, 4275, 5100
  on sorghum
    assessing infestations of 2715
    distribution pattern of 2301
    in Florida 2301
    in Georgia (USA) 3702, 4275, 5100
    in Karnataka 4228
    in Madhya Pradesh 4274
    in Mexico 2715
    in Queensland 4276
    in West Africa 1052
    varietal preferences of 5100
  parasitised by
    Eupelmus popa, in Karnataka 4228
    Tetrastichus spp.
      in Karnataka 4228
      in Madhya Pradesh 4274
  preyed on by, *Tapinoma indicum,* in Madhya Pradesh 4274
contariniae, Inostema
conterminana, Eucosma, (*Semasia*)
contigua, Aeneolamia
Contortylenchus barberus, taxonomy of, synonym of *C. brevicomi* 1560
Contortylenchus brevicomi
  descriptions of 1560
  taxonomy of, *Contortylenchus barberus* as synonym of 1560
contractus, Bothrideres
contractus, Ceutorhynchus
contractus, Scopelodes
conturbata, Trilophidia
Convallaria majalis
  Dolycoris baccarum on, in Norway 3504
  Hepialus lupulinus on, in France 4500
  Tetranychus urticae on 91
convecta, Mythimna, (*Pseudaletia*)
convergens, Hippodamia
convexifrons, Allotropa
Convolvulus arvensis
  natural enemies of, for possible biological control 5075
  Tetranychus urticae on 91
Cook Islands
  Cicadellidae in 4552
  Dermaptera in 4561
  Dysmicoccus brevipes in, on pineapple 2228
  Issidae in 4552
cooki, Prodecatoma
Copidosoma truncatellum
  in USA 5166
  parasitising, *Trichoplusia ni,* in California 5166
Copitarsia
  control of
    Bacillus thuringiensis for 5141
    insecticides for 5141
  on cabbage, in Mexico 5141
Copitarsia naenioides, in Chile 2800

- **Copper**
  - in *Acyrthosiphon pisum,* dietary requirement for 1298
  - in insects 17
  - in okra, effects on insect pests of 3220
- **Copper, bis(8-quinolinolato-N^1,O^8)-** (oxine-copper)
  - in *Citrus,* effects on mites of 3744
- **Copper chloride ($CuCl_2$)**
  - diet component for, *Acyrthosiphon pisum* 1298
  - with copper oxide (CuO), hydrate
    - deposits of, resistance to rain of 3550
    - in *Agrotis segetum,* toxicity of 4525
    - in entomopathogenic fungi, effects of 4969
    - in *Stethorus nigripes,* toxicity of 4532
- **Copper oxide (CuO),** in *Agrotis segetum,* toxicity of 4525
- **Copper oxychloride** (*see* Copper chloride ($CuCl_2$), with copper oxide (CuO), hydrate)
- **Copper sulfate** (*see* Sulfuric acid, copper(2+) salt (1:1))
- **Copra,** bromomethane in, residues of 4016
- ***coptodiscae, Chrysocharis***
- ***Coptosoma cribrarium***
  - in India 616
  - on soy bean
    - damage caused by 616
    - in Uttar Pradesh 616
- ***Coptosoma minimum***
  - in India 616
  - on soy bean
    - damage caused by 616
    - in Uttar Pradesh 616
- ***Coptotermes amanii***
  - activity of, effects of wood-destroying fungi on 1860
  - gut symbionts in, effects of drugs on 2697
- ***Coptotermes formosanus***
  - cable coverings resistant to 4410
  - *Entomophthora destruens* in, infectivity of 2442
  - *E. thaxteriana* in, infectivity of 2442
  - experimental techniques with 1349
  - in Japan 1559
  - in styrene resin, damage caused by 1559
  - nitrogen fixation in 3669
- ***Coptotermes havilandi***
  - in Mauritius 214
  - on tea, in Mauritius 214
- ***Coptotermes lacteus,*** control of, solvents for screening timber preservatives for 4407
- ***Coptotermes niger***
  - in Guatemala 5189
  - on *Pinus,* in Guatemala 5189
- ***coracinus, Meligethes***
- ***corbetti, Leptocorisa*** (see *L. chinensis*)
- ***corbetti, Mahasena***
- ***corbisieri, Helopeltis***
- ***corchori, Apion***
- ***Corchorus acutangulus, Dysdercus*** *cingulatus* on, in Philippines 4350
- ***Corchorus capsularis*** (see Jute)
- ***Corchorus olitorius*** (see Jute)
- ***corculus, Leptoglossus***
- ***Corcyra cephalonica***
  - biology of 3296
  - endrin bioassay using 2942
  - heart in, effects of atmospheric constituents on 1699
  - in *Azadirachta indica* kernels, damage caused by 4408
  - in stored rice 1986
  - parasitised by
    - *Apanteles angaleti* 4164
    - *Bracon hebetor* 4164
    - *Trichogrammatoidea armigera* 266
  - preyed on by
    - *Acaropsis docta* 2660
    - *Melichares keegani* 4862
- ***corcyrensis, Xorides***
- ***cordata, Athalia***
- **Coreidae,** on cacao, in Nigeria 1528
- ***Coreus marginatus***
  - in Bulgaria 2279
  - on medicinal plants, in Bulgaria 2279
- ***coriandri, Hyadaphis***
- ***Coriandrum sativum,*** insect pests of, in I 1111
- ***Coriolus versicolor,*** in wood, effects on termites of 1860
- **Corn** (U.S. usage) (*see* Maize)
- ***corni, Anoecia***
- ***corni, Eretmocerus***
- ***corni, Parthenolecanium,*** (*Lecanium*)
- ***corniger, Nasutitermes***
- ***cornigerum, Eusemion***
- ***Cornimytilus afganensis,*** rearing of, techniques for 3058
- ***cornivora, Rhagoletis***
- ***Cornus florida, Aegeria scitula*** on, in Connecticut 3834
- ***cornutus, Aculus,*** (*Vasates*)
- ***corollae, Syrphus***
- ***Coronilla varia***
  - *Aphis vineti* on 2977
  - *Subcoccinella vigintiquattuorpunctata* in Pennsylvania 5038
- ***coronillae, Aphis***
- ***Corrhenes,*** on soy bean, in New South Wales 4337
- ***Corthylus columbianus***
  - biology of 1150, 3831
  - in USA 226, 1150, 3831, 4831
  - on *Acer rubrum*
    - distribution pattern of 226
    - in Georgia (USA) 226
    - in Indiana 1150
  - on *Acer saccharinum,* in Indiana 11
  - on *Liriodendron tulipifera,* in USA 3
  - on *Quercus,* in USA 4831

thylus columbianus *contd.*
  edators of, in Indiana 1150
icalis, Moritziella
icinus, Trogophloeus
icola, Marmara
una clavata
  yperparasitising, aphids, in UK 3133
  UK 3133
inus, Meligethes
li, Eulecanium, (*Lecanium*)
li, Mikomyia
li, Myzocallis
li, Phylus
lifoliella, Phyllonorycter, (*Lithocolletis*)

vlobium avellanae
  Italy 2321
  hazel, in Italy 2321
  eyed on by, *Deraeocoris ruber,* in Italy 2321
vlus, *Eulecanium bituberculatum* on, in JSSR 5121
vlus avellana (see Hazel)
vmbites (see *Ctenicera*)
vnebacterium dactylopii
  scriptions of 1683
  , *Planococcus citri* 1683
  ansmission of 1683
vpha elata, *Aspidiotus coryphae* on, in 'hilippines 4554
phae, Aspidiotus
vthucha ciliata
  USA 4836
  Platanus occidentalis, in Illinois 4836
mesus, in Chile 2800
mophila flava (see *Anomis*)
mopolites sordidus
  drin resistance in, in New South Wales 4782
  BHC resistance in, in New South Wales 4782
  ntrol of, insecticides for 3260
  eldrin resistance in, in New South Wales 4782
  Australia 4782
  Philippines 3260
  banana, in New South Wales 4782
  Musa textilis, in Philippines 3260
mos sulphureus, *Spodoptera exigua* on, n Pakistan 3620
motriche lunigera
  orrelinavirus spp. in, in USSR 1183
  USSR 1183
idae, in Turkmenia 664
oninae, in Palaearctic region 1257
us, Cossus
sus cossus, in Bulgaria 1457
sus terebra, in Bulgaria 1457
a Rica
  tta cephalotes in 3109
  . colombica in 3109

Costa Rica *contd.*
  Blastophaga spp. in, pollinating *Ficus* 2649
  Hypsipyla ferrealis in, on *Carapa guianensis* 3267
  H. grandella in, natural enemies of 3268–3269
  International Plant Protection Convention accepted by 4511
  Phthorimaea operculella in, on potato 3239
  Procollina biolleyi in, natural enemies of 4413
  Scrobipalpopsis solanivora in, on potato 3239
costalis, Macrolophus
costana, Tortrix (see *Clepsis spectrana*)
costatus, Carphoborus
costatus, Creiis
costatus, Paraivongius
Costelya suturalis (see *Chlorochiton*)
Costelytra zealandica
  Bacillus spp. in, infectivity of 4883
  B. popilliae in
    effects of 4757
    in New Zealand 4883
  control of, insecticides for 5103
  embryonic development in 1442
  fecundity in 2748
  in New Zealand 2006, 2446, 4251, 4281, 4698, 4883, 5103
  in pasture, in New Zealand 5103
  iridescent virus in
    in New Zealand 2446
    properties of 2446
  life-cycle of 4251
  life-span in 2748
  milky disease in, in New Zealand 2006
  on *Lolium perenne,* damage caused by 4757
  preyed on by, *Sturnus vulgaris,* in New Zealand 4281, 4698
  rearing of, techniques for 1441
  traps for 4160
cotesii, Bulgarialeurodes
Cotinis nitida
  biology of 1438
  control of 1438
  in USA 1438
Cotoneaster, *Cenopalpus pictilis* on, in Pakistan 2979
Cotton (*Gossypium* spp.)
  Acontia notabilis on, in Pakistan 3252
  Acyrthosiphon gossypii on
    in Turkey 3808
    in Uzbekistan 3808
  Agistemus exsertus on, in Egypt 540
  Agrotis ipsilon on
    antifeedants for 2829
    development of 4095
    in Egypt 1385, 2837, 5106

- **Cotton** *contd.*
  - *Agrotis contd.*
    - *A. segetum* on
      - in Tadzhikistan 5088, 5159, 5163
      - in Turkmenia 1831
      - in USSR 4811, 5162
  - *Alabama argillacea* on, in El Salvador 4502
  - aldicarb in
    - residues of 4964
    - uptake of 2953
  - amidithion in
    - toxicity of 2367
    - uptake of 2953
  - *Amrasca devastans* on
    - in Cambodia 2370
    - in Haryana 3251, 3259, 3785, 4506
    - in India 2369
    - in Madras 4358
    - in Pakistan 3930
    - resistance to 3807
  - *Anthonomus grandis* on
    - in El Salvador 4502
    - in Mississippi 3961
    - in Texas 650, 2368, 3961, 4822
  - *Aphis craccivora* on, in Egypt 3248, 3802–3803
  - *A. gossypii* on
    - in Bulgaria 640
    - in Chad 4417
    - in China 4363
    - in Egypt 2366–2367, 3248, 3250, 3798, 3802–3803
    - in Madras 4358
    - in Texas 4816
    - resistance to 2366
  - arthropod pests of 3791–3792
  - arthropods on, distribution pattern of 2836
  - *Bemisia tabaci* on
    - in Chad 5167
    - in Haryana 3251, 3785
    - in Mexico 1514
    - in Sudan 939, 2832
  - *Bucculatrix thurberiella* on, feeding on nectar 4820
  - carbaryl in, uptake of 2953
  - *Chrotogonus trachypterus* on 4680
  - Coleoptera on, in Egypt 4357
  - *Cryptoblabes gnidiella* on, in Egypt 4609
  - *Cryptophlebia leucotreta* on
    - in Ivory Coast 4154, 4814, 5235
    - in Mali 4154
    - in Senegal 4154
  - cutworms on, in Texas 649
  - dieldrin in, determination of 4531
  - *Diparopsis castanea* on, in Mozambique 4817
  - *D. watersi* on
    - in Chad 210, 4922, 4925
    - varietal preferences of 4364

- **Cotton** *contd.*
  - Diplopoda on, in Central African Republic 1362
  - disulfoton in, uptake of 2953
  - *Dysdercus* spp. on, in Tanzania 1940
  - *D. cingulatus* on, in Philippines 4350
  - *D. voelkeri* on, in Central African Republic 1521, 3616
  - *Earias biplaga* on
    - in Chad 210
    - in Tanzania 1940, 4812
  - *E. cupreoviridis* on, in China 2831
  - *E. insulana* on
    - in Chad 210
    - in China 2831
    - in Egypt 211, 642, 1138, 1503, 3787–3788, 3797, 4810, 5169
    - in Haryana 3259, 3785
    - in Madras 4358
    - in Sudan 2365, 3247
    - in Tanzania 4812
    - rearing of 5165
  - *E. vittella* on
    - in Cambodia 2370
    - in China 2831
    - in Haryana 3259, 3785
    - in Madras 4358
  - *Empoasca* spp. on
    - in Central African Republic 5155
    - in Egypt 1518, 3245
  - *E. lybica* on, in Sudan 2832
  - forecasting development of 5241
  - formothion in, toxicity of 2367
  - *Frankliniella* spp. on, in Texas 4816
  - *F. exigua* on, in Georgia (USA) 1931
  - *F. fusca* on, in Georgia (USA) 1931
  - *F. tritici* on, in Georgia (USA) 1931
  - Galecron in, metabolism of 2951
  - *Haplothysanus chapellei* on, in Chad 3784
  - *Heliothis armigera* on
    - in Cambodia 2370
    - in Chad 210, 4922, 4925
    - in Ivory Coast 4655
    - in Madras 4358
    - in Mozambique 4817
    - in Queensland 2631
    - in Sudan 2832
    - in Tadzhikistan 4611, 4918, 5158–5159
    - in Tanzania 1940
    - in Turkmenia 1831
    - in USSR 4811, 4930
    - in Uzbekistan 5157, 5161
    - varietal preferences of 4364
  - *H. punctigera* on, in Queensland 2631
  - *H. stombleri* on, in Mexico 4352
  - *H. virescens* on
    - in Georgia (USA) 4823
    - in Mexico 2023, 4352
    - in Mississippi 2915
    - in Texas 1942, 2607

tton *contd.*
- *Heliothis contd.*
  - *H. zea* on
    - in El Salvador 4502
    - in Georgia (USA) 4823
    - in Mexico 2023, 4352
    - in Mississippi 2915
    - in Texas 2607
- Hemiptera on, in Iran 4359
- heptachlor in, uptake of 2953
- nsect damage to, in Central African Republic 3786
- nsect pests of
  - in Ethiopia 1827
  - in Tadzhikistan 5156
- nsect populations on, models of 3042
- nsecticides in
  - behaviour of 3794
  - effects of 4813
- nsects associated with
  - in Haryana 4351
  - in Mexico 1511–1512
- nsects on, in Ivory Coast 2373
- *Lachnosterna consanguinea* on 4189
- *Laciniogonus fritzi* on, in Chad 3784
- *Lygus elisus* on, in California 3782
- *L. hesperus* on, in California 1520, 1524, 3782
- methyl-parathion in, residues of 1934
- *Myllocerus undecimpustulatus* on
  - in Haryana 3251, 3785
  - in Pakistan 3930
  - in Rajasthan 1416
- *Myzus persicae* on, in Brazil 1519
- naled in, toxicity of 1941
- *Orgyia mixta* on, in Angola 2147
- *Orosius* spp. on, in Upper Volta 1939
- *Oxycetonia versicolor* on, in Rajasthan 2224
- *Paurocephala gossypii* on, in Central African Republic 3243
- *Pectinophora gossypiella* on
  - in Arizona 3927, 4819
  - in California 78, 477, 4133, 4818
  - in Cambodia 2370
  - in Central African Republic 1521
  - in Egypt 211, 641–642, 1138, 1503, 3787, 3797, 4810, 5169
  - in Haryana 3259, 3785
  - in Israel 3795
  - in Madras 4358
  - in Mexico 1508–1509
  - in Sudan 2365, 3247
  - in Turkey 4451–4452
- *Peridontopyge galicheti* on, in Chad 3784
- pest control on 3258, 4362
  - in Iran 4360
  - in Ivory Coast 5236
  - in Mozambique 4817
  - in USA 3389, 3793, 4927

Cotton *contd.*
- pests of
  - effects of fertilizer use on 1600
  - in Colombia 1928
  - in Ghana 4361
  - in Iran 4360, 4813
  - in Rajasthan 3789
  - in Uzbekistan 5157
- phorate in, toxicity of 2367
- *Phyllotreta atra* on, in Egypt 4357
- *Podagrica* spp. on, in Nigeria 1522
- *P. dilecta* on, varietal preferences of 4364
- *P. puncticollis* on, in Sudan 1136
- *Proxylocopa rufa* pollinating, in Uzbekistan 2210
- *Psallus seriatus* on
  - in Texas 4816, 4822
  - in USA 4928
- *Pseudoplusia includens* on, in Guatemala 2897
- *Sericothrips variabilis* on, in Georgia (USA) 1931
- *Spodoptera exigua* on
  - development of 3469
  - in California 1520
  - in Tadzhikistan 5159
  - in Turkmenia 1831
  - in Uzbekistan 5157
- *S. littoralis* on 646
  - in Egypt 648, 1372, 1930, 2833, 3244, 3253, 3800, 5168
  - insecticide susceptibility of 3395
- *S. litura* on, in Cambodia 2370
- *Syndesmogenus effilis* on, in Chad 3784
- *Taylorilygus vosseleri* on, in Uganda 639
- Tetranychidae on
  - in Iran 4359
  - in Mexico 1513
- *Tetranychus* spp. on, in Turkey 953
- *T. cinnabarinus* on, in Turkey 4453–4454
- *T. cucurbitacearum* on, feeding preferences of 2343
- *T. neocaledonicus* on, in Malagasy Republic 4116
- *T. pacificus* on, in California 1524
- *T. turkestani* on, in Turkey 4453
- *T. urticae* on
  - effects of insecticides on 3797
  - in Brazil 1941
  - in Egypt 3797
  - in Tanzania 1940
  - in Turkey 4453, 4455
  - in USSR 4811
  - in Uzbekistan 4509, 5157
  - resistance to 1133–1134
- thrips on
  - in Bulgaria 640
  - in Egypt 4354

Cotton *contd.*
  Thrips tabaci on
    in Egypt 1137, 1517, 1933, 2366–2367, 3249, 3801, 4355–4356
    in Georgia (USA) 1931
    resistance to 2366
  Thysanoptera on, in Iran 4359
  Tibiomus bebedjaensis on, in Chad 3784
  Trialeurodes desmodii on, in Chad 5167
  T. ricini on, in Chad 5167
  Trichoplusia ni on, in California 5166
  virescence in 1935–1939
  Xanthodes graellsii on, in Sudan 2832
Cotton blue disease
  causal agent, in, *Aphis gossypii,* transmission of 4417
  in Cameroon 4417
  in Chad 4417
  in Dahomey 4417
Cotton-boll black rot (see *Diplodia gossypina*)
Cotton (dried bolls), *Pectinophora gossypiella* in, in Egypt 1381
Cotton dust (*see* BHC (γ-isomer), with DDT, and sulfur)
Cotton fibre
  dichlorvos in, residues of 2404
  effects of insecticides on quality of 3616, 4813
Cotton fields
  beneficial arthropods in, effects of insecticides on 4816
  Geocoris pallens in, in California 4053
  G. punctipes in, in California 4053
  predatory insects in, in California 4818
Cotton leafworm (see *Spodoptera littoralis*)
Cotton lint, aldicarb in, residues of 4964
Cotton mosaic disease
  causal agent, in, *Bemisia tabaci,* transmission of 5167
  in, cotton, in Chad 5167
Cotton nectar, diet component for, *Trichogramma pretiosum* 4712
Cotton thread (*see* Yarns, cotton)
Cotton virescence 1935–1939
Cottonseed
  aldicarb in, residues of 1639, 4964
  Dysdercus fasciatus in, rearing of 4169
  Pectinophora gossypiella in, in Egypt 1381
  Tyrophagus putrescentiae in, in Uzbekistan 3863
Cottonseed oil
  solvent for dyes added to insect diets 3551
  toxic substances in 4806
Cottonwood (see *Populus deltoides*)
Coturnix coturnix
  DDT in, effects of 1230
  p,p′-DDT in, effects of 2074
  phenobarbital in, effects of insecticides on effects of 4961
Couchapelopsia melanops
  in France 3761
  on *Nasturtium officinale,* in France 37
***o*-Coumaric acid** (*see* 2-Propenoic acid, 3-(hydroxyphenyl)-)
***p*-Coumaric acid** (*see* 2-Propenoic acid, 3-(hydroxyphenyl)-)
Coumarin (*see* 2*H*-1-Benzopyran-2-one)
Counter (*see* Phosphorodithioic acid, *S*-[[(1,1-dimethylethyl)thio]methyl] *O,O*-diethyl ester)
  3227
Cowpea (see *Vigna unguiculata*)
Cowpea aphid-borne mosaic virus, in, *Aph craccivora,* transmission of 1122
Cowpea mild mottle virus, aphids not transmitting 614
Cowpea mosaic virus
  in
    Aphis craccivora, transmission of 32
    A. euonymi, transmission of 3234
    A. gossypii, transmission of 3234
    Cerotoma ruficornis
      in Cuba 201
      transmission of 1565
    C. trifurcata, transmission of 1563
    Diabrotica balteata, transmission of 1565
    Myzus persicae, transmission of 323
    Systena spp., transmission of 1565
  in El Salvador 1565
CP-42320 (*see* [1,1′-Biphenyl]-3-carboxamide, 5-chloro-*N*-(2,5-dichlorophenyl)-2-hydroxy-)
CP-42366 (*see* [1,1′-Biphenyl]-3-carboxamide, 5-chloro-*N*-(3,4-dichlorophenyl)-2-hydroxy-)
CP-42527 (*see* [1,1′-Biphenyl]-3-carboxamide, 5-chloro-2-hydroxy-*N*-(2,4,5-trichlorophenyl)-)
CP-43057 (*see* [1,1′-Biphenyl]-3-carboxamide, 5-chloro-*N*-(2-chloro-4-nitrophenyl)-2-hydroxy-)
CP-43856 (*see* [1,1′-Biphenyl]-3-carboxamide, 4′,5-dichloro-2-hydroxy-(2,4,5-trichlorophenyl)-)
CP-43858 (*see* [1,1′-Biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(4-chlorophenyl)-2-hydroxy-)
CP-44016 (*see* [1,1′-Biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(2,5-dichlorophenyl-2-hydroxy-)
CP-47114 (*see* Fenitrothion)
CP-48985 (*see* [1,1′-Biphenyl]-3-carboxamide, 4′,5-dichloro-*N*-(4-fluoro-methylphenyl)-2-hydroxy-)
CPAS (*see* Chlorfensulphide)
Crabs
  DDT in, residues of 2492
  pesticides in, residues of 1651
craccae, Aphis, (*Pergandeida*)
craccivora, Aphis

- **umbinae**
  - control of 1439
  - in USA 1439
- ***ambus***
  - control of 144
  - on turf
    - damage caused by 144
    - in USA 144
- ***ambus harpipterus***
  - in USA 4077
  - reproductive isolation in 4077
- ***ambus tutillus,*** development in, effects of photoperiod on 875
- **anberry** (*Vaccinium macrocarpon* and *V. oxycoccus*)
  - *Acrobasis vaccinii* on, in USA 152
  - *Archips georgianus* on, effects of flooding on 550
  - *Dasineura oxycoccana* on, in USA 152
  - *Sparganothis sulfureana* on, in USA 152
- **anberry bogs,** effects of winter flooding on insects in 550
- ***aspedolepta armazhi***
  - sp. n., description of 2966
  - in USSR 2966
  - on *Artemisia meyeriana,* in Georgia (USSR) 2966
- ***aspedolepta georgica***
  - sp. n., decription of 2966
  - in USSR 2966
  - on *Artemisia chamaemelifolia,* in Georgia (USSR) 2966
- ***ssicornis, Draeculacephala***
- ***ssipennis, Ectophasia,*** (*Phasia*)
- ***ssipes, Pergamasus***
- ***taeganus, Archips***
- ***taegi, Aporia***
- ***taegi, Dysaphis***
- ***ataegus***
  - *Eulecanium bituberculatum* on, in USSR 5121
  - *Eurhodope advenella* on, in Hungary 1084
- ***atichneumon,*** parasitising, *Lambdina fiscellaria,* in Alaska 4721
- ***atichneumon nigritarius***
  - in USSR 3281
  - parasitising, *Erannis jacobsoni,* in Buryatia 3281
- ***atichneumon pachymerus***
  - in USSR 3281
  - parasitising, *Erannis jacobsoni,* in Buryatia 3281
- ***elii, Macrosiphum***
- ***eiis costatus***
  - in Australia 5183
  - on *Eucalyptus,* damage caused by 5183
- ***emaster interruptor*** (see *Temelucha*)
- ***emastus biguttula*** (see *Temelucha*)
- ***ematogaster,*** in cacao plantations, effects of insecticides on 5171
- ***Crematogaster scutellaris***
  - in Italy 1144
  - preying on, *Cedrobium laportei,* in Italy 1144
- ***Crematogaster striatula,*** cacao black pod disease, role of, in 3870
- **Creosote**
  - against
    - *Anacanthotermes ochraceus* 3862
    - *Psammotermes fuscofemoralis* 3862
- **Cress, water** (see *Nasturtium officinale*)
- ***cretica, Sesamia***
- ***cribrarium, Coptosoma***
- ***cribratus, Rhizophagus***
- ***cribrellus, Crypturgus***
- ***cribrosus, Adoretus***
- ***criddlei, Leperisinus***
- ***crinita, Lachnosterna,*** (*Phyllophaga*)
- ***crinitus, Anthicus***
- ***Criocephalus rusticus*** (see *Arhopalus*)
- ***Criocephalus syriacus*** (see *Arhopalus*)
- ***Cristatithorax latiscapus*** (see *Cheiloneurus*)
- ***cristatus, Macrosteles***
- ***cristatus, Pityophthorus***
- ***croceipes, Microplitis***
- ***crocopepla, Acleris***
- ***Croesia semipurpurana***
  - in USA 4831
  - on *Quercus rubra,* in USA 4831
- **Crops**
  - assessment of yield losses in 1601
  - insects on, effects on yield of 5017
  - pests of, effects of fertilizer use on 1600
- ***Crotalaria burhia,*** *Utetheisa pulchella* on, in Rajasthan 1444
- ***Crotalaria juncea***
  - *Amsacta moorei* on 2111
    - in India 209
  - dimethoate in, toxicity of 637
  - *Etiella zinckenella* on, in Punjab 5146
- ***cruciator, Dorilas***
- ***cruciferae, Phyllotreta***
- ***cruciferarum, Bagrada*** (see *B. hilaris*)
- ***crucivora, Pieris rapae***
- ***Cryphalus abietis***
  - in USSR 3955
  - on *Picea,* in Lithuania 3955
- ***Cryptoblabes adoceta***
  - in Australia 4276
  - on sorghum, in Queensland 4276
- ***Cryptoblabes gnidiella***
  - biology of 4609
  - in Egypt 3648, 4609, 5061
  - in India 1875, 2727
  - in Nigeria 4842
  - on maize, in Egypt 3648
  - on Meliaceae, in Nigeria 4842
  - on *Pennisetum typhoides,* in Uttar Pradesh 2727
  - on sorghum, in Uttar Pradesh 1875
  - preyed on by
    - *Blaptostethus piceus,* in Egypt 3648

- ***Cryptoblabes gnidiella*** *contd.*
  - preyed on by *contd.*
    - *Labidura riparia,* in Egypt 5061
- **Cryptocephalinae,** zonal distribution of, in Altai region 3545
- ***Cryptocephalus***
  - in Kazakhstan 2619
  - in Romania 4540
- ***Cryptochetum grandicorne***
  - in Pakistan 3123
  - parasitising, *Icerya aegyptiaca,* in Pakistan 3123
- ***Cryptochetum iceryae***
  - biology of 1584
  - in USA 1584
  - in USA (Hawaii) 3659
  - parasitising, *Icerya purchasi,* in Hawaii 3659
  - preying on, *Icerya purchasi,* in California 1584
- ***Cryptolaemus montrouzieri***
  - in India 4247
  - in Kenya 3650
  - in South Africa 3650
  - parasitising, *Pseudococcus fragilis,* and biological control using, in USSR 1883
  - preying on
    - *Dactylopius indicus,* in Kenya 3650
    - *Planococcus kenyae,* and biological control using, in Kenya 3650
    - *Saccharicoccus sacchari,* and biological control using, in Barbados 4247
- ***Cryptolestes,*** in Queensland 2888
- ***Cryptolestes ferrugineus***
  - attraction of, to spoiled grain 64
  - in UK 2881
  - in dried forage, not able to breed 3864
- ***Cryptolestes pusillus***
  - development in, effects of γ-irradiation on 4604
  - in *Hibiscus cannabinus* seeds, unable to develop 2425
- ***Cryptomyzus ribis***
  - beet mosaic virus in, transmission of 3306
  - watermelon mosaic virus in, transmission of 735
- ***Cryptophagus cellaris***
  - in UK 4858
  - in maltings, in UK 4858
- ***Cryptophagus pilosus***
  - in UK 4858
  - in maltings, in UK 4858
- ***Cryptophagus saginatus***
  - in UK 4858
  - in maltings, in UK 4858
- ***Cryptophlebia leucotreta***
  - biology of 4814
  - control of
    - insecticides for 4361, 5235–5236
    - traps for 5235–5236
- ***Cryptophlebia leucotreta*** *contd.*
  - control of *contd.*
    - viruses for 5235–5236
  - cytoplasmic polyhedrosis virus in
    - and biological control using 4814
    - in Ivory Coast 4814
  - granulosis virus in
    - and biological control using 4814
    - in Ivory Coast 4154, 4814
  - in Ghana 4361
  - in Ivory Coast 4154, 4814, 5235–5236
  - in Mali 4154
  - in Mozambique 2826
  - in Senegal 4154
  - on *Citrus,* in Ivory Coast 4814
  - on cotton
    - in Ghana 4361
    - in Ivory Coast 4154, 4814, 5235–5236
    - in Mali 4154
    - in Senegal 4154
  - on *Ricinus communis,* in Mozambique 2826
  - pathogens of 3928
  - rearing of, techniques for 4669, 4814
- ***Cryptoptila immersana*** (see *Archips australana*)
- ***Cryptorhynchus lapathi***
  - control of, insecticides for 708
  - sterilisation of
    - chemosterilants for 697
    - X-irradiation for 697
- **Cryptostigmata,** in soil, not affected by low-frequency electromagnetic radiation 1761
- ***Cryptotermes brevis***
  - courtship behaviour in 1398
  - flight activity in 1398
  - humidity behaviour in 1399
  - in USA 1398
  - nitrogen fixation in 3669
- ***Cryptotermes dudleyi***
  - gut symbionts in
    - effects of timber preservatives on 227
    - effects of wood extracts on 2272
- ***Cryptotermes havilandi,*** rearing of, techniques for 1602
- ***Cryptothelea formosicola,*** control of, insecticides for 3396
- ***Cryptothelea minuscula***
  - control of, insecticides for 3396
  - in Japan 3396
  - on *Prunus mume,* in Japan 3396
- ***Cryptoweisea marginata,*** preying on, *Phenacaspis pinifoliae* 2153
- ***Crypturgus cribrellus,*** in USSR 2853
- ***Cryptus nigropictus***
  - biology of 2258
  - in Kenya 2258
  - parasitising, *Ascotis selenaria,* in Kenya 2258
- **Crystalline-array virus,** in, *Schistocerca americana,* replication of 1999, 5222

enicera, in UK 3105
enicera aeripennis destructor
  control of, insecticides for 1920
  n Canada 1920
  on potato, in Alberta 1920
enodactylomyia watsoni
  n USA 2592
  on *Coccoloba uvifera,* in Florida 2592
enomorphodes tessulatus
  n Australia 4378
  on *Eucalyptus,* in Australia 4378
  outbreaks of 4378
ba
  Cerotoma ruficornis in 201
  Diatraea saccharalis in, on sugar-cane 2260
  Dicranoctetes saccharella in, on sugar-cane 5078
  Leucoptera coffeella in, on coffee 2845, 3262
  Liriomyza sativae in, on potato 1204
  Selenaspidus articulatus in, on orange 2783
cujidae, attraction of, to *Myelophilus piniperda* pheromone 4840
cujoidea, keys to 2097
cullinae, taxonomy of 4044
cumber and gherkin (*Cucumis sativus*)
  Aphis gossypii on, in France 1766
  Cladosporium cucumerinum in, in Poland 3572
  Hylemya platura on, in Turkey 4444
  parathion in, residues of 2954
  powdery mildew on, in Jordan 4906
  Tetranychus urticae on
    in Bulgaria 3226
    in Jordan 4905–4906
    in Poland 3572, 3579
    in USSR 1914
  Trialeurodes vaporariorum on
    in France 1766
    on England 4954
cumber mosaic virus
  in
    Dysaphis crataegi, transmission of 3306
    lettuce, in West Germany 2346
    Myzus persicae, transmission of 730
cumeris, Aphidoletes (see *A. aphidimyza*)
ucumis, *Tetranychus urticae* on, resistance to 1208
cumis, Dacus
ucumis sativus (see Cucumber and gherkin)
ucurbita andreana, *Melittia cucurbitae* on, feeding preferences of 607
ucurbita ecuadorensis, *Melittia cucurbitae* on, feeding preferences of 607
ucurbita ficifolia, *Melittia cucurbitae* on, feeding preferences of 607
ucurbita foetidissima, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita gracilior, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita lundelliana, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita maxima, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita mixta, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita moschata, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita okeechobeensis, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita palmata, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita pedatifolia, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita pepo
  Melittia cucurbitae on, feeding preferences of 607
  papaya distortion ringspot virus in, in Venezuela 2792
Cucurbita sororia, *Melittia cucurbitae* on, feeding preferences of 607
Cucurbita texana, *Melittia cucurbitae* on, feeding preferences of 607
cucurbitacearum, Tetranychus
cucurbitae, Dacus, (*Strumeta*)
cucurbitae, Melittia
Cucurbits
  Aulacophora atripennis on, in India 2055
  A. foveicollis on, in India 2055
Cue-lure (4-[4-(acetyloxy)phenyl]-2-butanone)
  attractant for
    Dacus ciliatus 4671
    D. tryoni 2456
Culex pipiens fatigans, carbofuran in, toxicity of 2485
***Culex pipiens quinquefasciatus* auct.** (see *C. p. fatigans*)
Culicidae, Protozoa in 3333
culta, Paracantha
cultriventris, Torymus
Cumbu (see *Pennisetum typhoides*)
cunea, Hyphantria
cuniculus, Bothynus
cuniculus, Macrocentrus
cuprea, Anomala
cuprea, Potosia
cupreatus, Psylliodes
cupreoviridis, Earias
Cupressobium juniperina (see *Cinara*)
Cupressus, *Orgyia mixta* on, in Angola 2147
Cupressus sempervirens
  Aegyptobia sayedi on, in Egypt 92
  Tuckerella saetula on, in Pakistan 2980
cupreus, Pterostichus

- **Curamil** (*see* Pyrazolo[1,5-*a*]pyrimidine-6-carboxylic acid, 2-[(diethoxyphosphinothioyl)oxy]-5-methyl-, ethyl ester)
- ***Curculio caryae***
  - dispersal of 2769
  - in USA 2769
  - literature on 1890
  - on pecan, in Oklahoma 2769
- ***Curculio nucum***
  - control of, insecticides for 4479
  - in Turkey 4479
- **Curculionidae**
  - attraction of, to unsuitable food-plants 4630
  - flight activity in, in West Germany 4622
  - in Mexico 4630
- ***curculionis, Bathyplectes***
- ***curialis, Mamestra***
- **Currant, black** (*Rubus nigrum*)
  - *Cecidophyopsis ribis* on
    - in England 5115
    - resistance to 549, 4921
  - *Otiorhynchus singularis* on, in UK 4195
  - *Tetranychus urticae* on, in New Zealand 274
  - Tortricidae on, in Poland 1079
- **Currant, red**, Tortricidae on, in Poland 1079
- ***curtus, Lemophagus***
- ***curvicauda, Toxotrypana***
- ***curvidens, Ips,*** (*Pityokteines*)
- ***curvimaculatus, Chelonus***
- ***curvipes, Cinara***
- ***Cuscuta reflexa,*** tea rose yellow mosaic virus in, transmission of 3810
- ***cuspidigaster, Chrysocharis***
- ***Cussonia barteri,*** *Bunaea alcinoe* on, in Nigeria 3283
- ***custodiens, Anoplolepis***
- **Cutworms**, control of, insecticides for 5243
- ***Cyamopsis psoraloides*** (see *C. tetragonoloba*)
- ***Cyamopsis tetragonoloba,*** *Conicobruchus albopubens* on, in India 5147
- ***cyanea, Phaenops***
- ***cyanea, Scutellista***
- ***cyanescens, Pardalaspis***
- ***cyaneus, Sirex***
- Cyanophos (*O*-(4-cyanophenyl) *O,O*-dimethyl phosphorothioate)
  - against
    - *Azochis gripusalis* 573
    - Pentatomidae 126
- ***cyanophylli, Abgrallaspis,*** (*Aspidiotus*)
- **Cyanox** (*see* Cyanophos)
- **Cyanthoate** (*S*-[2-[(1-cyano-1-methylethyl)amino]-2-oxoethyl] *O,O*-diethyl phosphorothioate)
  - against, *Adelges tardus* 3613
- **Cyasterone** (*see* Stigmast-7-en-26-oic acid, 2,3,14,20,22,28-hexahydroxy-6-oxo-, (2*β*,3*β*,5*β*,22*R*,24*S*,25*S*,28*R*)-)
- ***Cybocephalus,*** in Israel 5070
- ***Cybocephalus mesopotamicus***
  - in Iran 5113
  - preying on, *Parlatoria blanchardii,* in Ira 5113
- ***Cybocephalus micans***
  - in Israel 5070
  - preying on, *Parlatoria pergandii,* in Israe 5070
- ***Cybocephalus nigriceps nigriceps***
  - biology of 2269
  - in Israel 2269, 5070
  - preying on, *Parlatoria blanchardii,* in Israel 2269, 5070
- ***Cybocephalus palmarum***
  - in Iran 5113
  - preying on, *Parlatoria blanchardii,* in Ira 5113
- ***Cybocephalus rufifrons***
  - in Iran 5113
  - preying on, *Parlatoria blanchardii,* in Ira 5113
- ***Cychrus,*** in Moldavia 3071
- **Cyclic AMP** (*see* Adenosine, cyclic 3′,5′-(hydrogen phosphate))
- **Cyclic AMP phosphodiesterase** (*see* Phosphodiesterase, adenosine cyclic 3′,5′ phosphate)
- **Cycloate** (*see* Carbamothioic acid, cyclohexylethyl-, *S*-ethyl ester) 4012
- **Cyclobutaneethanol, 1-methyl-2-(1-methylethenyl)-**
  - *cis*-(+)-
    - *Anthonomus grandis* sex pheromone 3958
    - synthesis of 3958
- ***Cyclocephala borealis***
  - *Ataenius* milky-disease organism in, infectivity of 4760
  - biology of 1438
  - control of 1438
  - in USA 1438
- ***Cyclocephala immaculata***
  - biology of 1438
  - control of 1438
  - in USA 1438
- **2,5-Cyclohexadiene-1,4-dione,** in *Macrotermes carbonarius* defensive secretion 909
- **2,5-Cyclohexadiene-1,4-dione, 2-methyl-,** in *Macrotermes carbonarious* defensive secretion 909
- **1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-** (phellandrene)
  - in bacteria, effects of 4873
- **Cyclohexane,** as solvent for timber preservatives 4407

clohexane, 1,2,3,4,5,6-hexachloro- (*see* BHC)

1α,2α,3α,4β,5α,6β)- (*see* BHC (δ-isomer))
1α,2α,3β,4α,5α,6β)- (*see* BHC (γ-isomer))
1α,2α,3β,4α,5β,6β)- (*see* BHC (α-isomer))
1α,2β,3α,4β,5α,6β)- (*see* BHC (β-isomer))
clohexanecarboxylic acid, 4(or 5)-chloro-2-methyl-, 1,1-dimethylethyl ester (*see* Trimedlure)
clohexene, 1-methyl-4-(1-methylethenyl)- (limonene)

ffects of, on, *Aradus cinnamomeus* 2499
n bacteria, effects of 4873
Ips typographus responses to 1973
yclohexene-1-carboxylic acid, 4-(1,5-dimethyl-3-oxohexyl)-, methyl ester, [*S*-(*R**,*S**)]-, juvenile hormone activity related to structure of 2562
yclohexene-1-methanol, α,α,4-trimethyl-, acetate, bait component for, *Cydia molesta* 4158
yclohexen-1-one, 3-methyl-
Dendroctonus pseudotsugae anti-attractant
 functions of 1308
 released in response to male stridulation 1307
in *Dendroctonus ponderosae* 4576
cloheximide
in *Citrus,* reducing populations of *Aceria sheldoni* 3744
in *Diparopsis castanea,* sterilant but toxic 4119
cloneda sanguinea
in Mexico 4250
in Surinam 578
insecticides in, toxicity of 4250
preying on
 Chrysomphalus aonidum, in Surinam 578
 Schizaphis graminum, in Mexico 4250
clophragma, taxonomy of 4054
clopropanecarboxylic acid, 3-(1,3-butadienyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*Z*)]]-
 against
  Phaedon cochleariae 5242
  Musca domestica 5242
clopropanecarboxylic acid, 3-(1-butenyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*Z*)]]-
 against
  Phaedon cochleariae 5242
  Musca domestica 5242

Cyclopropanecarboxylic acid, 3-(2-carboxy-1-propenyl)-2,2-dimethyl-
3-(4,5-dihydroxy-2-pentenyl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester, in rats, metabolite of pyrethrin I and pyrethrin II 2047
3-(2,5-dihydroxy-3-pentenyl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester, in rats, metabolite of pyrethrin I and pyrethrin II 2047
3-(2,3-dihydroxypropyl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester, in rats, allethrin metabolite 2047
3-(1-hydroxy-2-propenyl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester, in rats, allethrin metabolite 2047
Cyclopropanecarboxylic acid, 3-(2-carboxy-1-propenyl)-2-(hydroxymethyl)-2-methyl-, 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl ester, in rats, allethrin metabolite 2047
Cyclopropanecarboxylic acid, 3-(2-chloroethenyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-
 against
  Musca domestica 5242
  Phaedon cochleariae 5242
Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)- (bioethanomethrin)
 against
  Heliothis virescens 771
  Spodoptera frugiperda 771
  Tetranychus urticae 771
  Anthonomus grandis 771
  Spodoptera eridania 771
  Hemerocampa pseudotsugata 3994
  Musca domestica 5242
  Phaedon cochleariae 5242
Cyclopropanecarboxylic acid, 3-(2,2-dibromoethenyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-
 against
  Musca domestica 5242
  Phaedon cochleariae 5242
Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-
[5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-
 against
  Phaedon cochleariae 5242
  Musca domestica 5242
Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)- (*see* Chrysanthemic acid)

Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)- *contd.*
- (1,3,4,5,6,7-hexahydro-1,3-dioxo-2*H*-isoindol-2-yl)methyl ester (*see* Tetramethrin)
- 2-methyl-4-oxo-3-(2,4-pentadienyl)-2-cyclopenten-1-yl ester (*see* Pyrethrin I)
- 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl ester (*see* Allethrin)
- [5-(phenylmethyl)-3-furanyl]methyl ester (*see* Resmethrin)
- [5-(phenylmethyl)-3-furanyl]methyl ester, (1*R*-*trans*)- (*see* Bioresmethrin)

Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methylpropyl)-, ethyl ester,
- attractant for, *Oryctes rhinoceros* 3056

Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(1-pentenyl)-
- [5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*Z*)]]-
  - against
    - *Musca domestica* 5242
    - *Phaedon cochleariae* 5242

Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(1-propenyl)-
- [5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*E*)]]-
  - against
    - *Musca domestica* 5242
    - *Phaedon cochleariae* 5242
- [5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*Z*)]]-
  - against
    - *Musca domestica* 5242
    - *Phaedon cochleariae* 5242

Cyclopropanecarboxylic acid, 3-ethenyl-2,2-dimethyl-
- [5-(phenylmethyl)-3-furanyl]methyl ester, (1*R*-*trans*)-
  - against
    - *Musca domestica* 5242
    - *Phaedon cochleariae* 5242

Cyclopropanecarboxylic acid, 3-(1-hexenyl)-2,2-dimethyl-
- [5-(phenylmethyl)-3-furanyl]methyl ester, [1*R*-[1α,3β(*Z*)]]-
  - against
    - *Musca domestica* 5242
    - *Phaedon cochleariae* 5242

Cyclopropanecarboxylic acid, 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethyl-, 2-methyl-4-oxo-3-(2,4-pentadienyl)-2-cyclopenten-1-yl ester (*see* Pyrethrin II)

1,5,9-Cyclotetradecatriene, 1,5,9-trimethyl-12-(1-methylethenyl)-, *Nasutitermes exitiosus* trail pheromone 4237

Cydia anaranjada
- control of, insecticides for 225
- in USA 225
- on *Pinus elliottii,* in Florida 225

Cydia delineana
- biology of 1946

Cydia delineana *contd.*
- control of
  - crop management for 1946
  - insecticides for 1946
- in Romania 1946
- on *Cannabis sativa,* in Romania 1946

Cydia funebrana
- biology of 569, 1903
- control of
  - *Bacillus thuringiensis* for 175
  - *Beauveria bassiana* for 175
- in Hungary 1903
- in USSR 175, 569, 5123
- on apricot, in Maritime Province 5123
- on plum
  - in Hungary 1903
  - in Maritime Province 5123
  - in USSR 175, 569
- on *Prunus cerasus,* in Maritime Province 5123
- reproduction in, effects of photoperiod o 3194

Cydia inopinata
- in USSR 5123
- on apple, in Maritime Province 5123

Cydia leucostoma
- control of, *Bacillus thuringiensis* for 1529
- in India 1529
- natural enemies of, in India 1529
- on tea, in India 1529

Cydia molesta
- attractants for 2542, 4158
- biology of 3080, 3205
- control of, insecticides for 3080
- in Canada 4158
- in France 2324
- in Hungary 3205
- in USA 2200, 2542
- in USSR 3080
- on apple, in France 2324
- on peach
  - assessing infestations of 4158
  - in Georgia (USA) 2542
  - in Hungary 3205
  - in Moldavia 3080
  - in Ontario 4158
- sex pheromone of
  - inhibitors of response to 2200
  - synergists for 2200
- traps for 2200

Cydia pomonella
- attractants for 4653
  - farnesene isomers as 4923
- attraction of, to apple 1901
- *Bacillus cereus* in, pathogenicity of 3895
- *Bergoldiavirus* spp. in, in USSR 1183
- biology of 155, 174, 3188, 4295, 4775
- control of 556
  - antifeedants for 172
  - *Bacillus thuringiensis* for 4291
  - *Beauveria bassiana* for 4291

dia pomonella *contd.*
  ontrol of *contd.*
    insecticides for 172, 1083, 1090, 1094–1095, 1458, 1465, 1469, 1899–1900, 2773, 3196, 3734, 4295–4296, 4769, 4771
    integrated 4926
    sterile-insect release for 1900, 2777, 3916
    timing of sprays for 2454
    traps for 3735
  dispersal of 4620, 5126
  fertility in
    effects of γ-irradiation on 750
    effects of repeated mating on 750
  flight activity in 1459, 1750
    effects of apple odour on 3733
  fungi in, in Lithuania 3948
  granulosis virus in, in Georgia (USSR) 3189
  in Australia 4295
  in Bulgaria 3188
  in Canada 1463, 2454, 2773, 3732, 3916, 4653
  in Chile 2800
  in East Germany 3739
  in Finland 4031
  in France 2324
  in Hungary 1900, 3916, 5126
  in Italy 5122
  in Poland 4296
  in Romania 155, 3728, 3734
  in South Africa 541
  in Spain 172, 174, 1083, 1088, 1090, 1094–1095, 1458, 3196, 4771, 4775
  in USA 157, 1465, 1468–1469, 1750, 1899, 2777, 3566, 4926
  in USSR 1183, 3189, 3948, 4291, 4769–4770, 5123
  in West Germany 1459, 3736
  juvenile hormone analogues in, effects of 3472
  larval competition in 2776
  marking of, iridium for 3054
  mating flight in 1468
  mouthparts in 866
  on almond, in Bulgaria 3188
  on apple
    assessing infestations of 157, 1463
    damage caused by 4294
    forecasting infestations of 1083
    in British Columbia 1463, 2773, 3916, 4653
    in East Germany 3739
    in Finland 4031
    in France 2324
    in Georgia (USSR) 3189
    in Hungary 1900, 3916, 5126
    in Italy 5122
    in Maritime Province 5123
    in Moldavia 4770
    in Ohio 1465

Cydia pomonella *contd.*
  on apple *contd.*
    in Ontario 2454, 3732
    in Pennsylvania 1899
    in Poland 4296
    in Romania 3728, 3734
    in South Australia 4295
    in Spain 172, 174, 1083, 1088, 1090, 1094, 3196, 4771, 4775
    in USSR 4291
    in Washington 2777, 3566
    in West Germany 3736
  on pear
    assessing infestations of 157
    in California 1468–1469
    in Italy 5122
    in Spain 1095, 1458
  oviposition in, effects of apple odour on 3733
  oviposition stimulant for 2574
  parasites of, in Moldavia 4770
  parasitised by
    Trichogramma embryophagum, and biological control using, in USSR 4291
    T. minutum 2666
    T. pallidum, and biological control using, in USSR 4291
  phenology of 4031
  population dynamics of 3728
  preyed on by, *Forficula auricularia,* in Moldavia 4770
  reproduction in 3455
    effects of photoperiod on 3194–3195
  sex pheromone of (*see also* 8,10-Dodecadien-1-ol, (*E,E*)-)
  sex ratio in, in laboratory colonies 79
  sterilisation of, γ-irradiation for 248
  traps for 1463, 1468, 2777, 3566, 3736, 4653
Cydia pyrivora
  control of, insecticides for 567, 3737
  in Hungary 567
  in USSR 3737
  Metarhizium anisopliae in, in USSR 3737
  on pear
    in Hungary 567
    in USSR 3737
  parasitised by
    Hemiteles spp., in USSR 3737
    Pimpla spuria, in USSR 3737
Cydia youngana
  in USA (Alaska) 2259
  on *Picea,* in Alaska 2259
  parasitised by
    Scambus longicorpus, in Alaska 2259
    S. protentus, in Alaska 2259
    S. tenebrosus, in Alaska 2259
Cydonia vulgaris (see Quince)
Cyhexatin (*see* Stannane, tricyclohexylhydroxy-)

Cylas formicarius
- control of, insecticides for 4802
- in Malaysia 4802
- on sweet potato, in Malaysia 4802

cylindricollis, Sitona

Cynanchum vincetoxicum, *Lygaeus equestris* on 5025

Cynara scolymus (see Artichoke, globe)

Cynareae, *Larinus* spp. on, in Europe 4730

Cynipoidea
- in UK 4996
- taxonomy of 4996

Cynips quercusfolii, on *Quercus robur,* effects of 4384

Cynodon dactylon
- *Atherigona reversura* on, in Hawaii 4639
- Cicadellidae on, in Louisiana 4278
- Delphacidae on, in Louisiana 4278
- *Psalis pennatula* on, in Rajasthan 512
- *Spodoptera frugiperda* on, effects of fertilisers on 3674
- *Truxalis* spp. on, in Sudan 981

Cynthia cardui
- biology of 4190
- in Egypt 5061
- preyed on by, *Labidura riparia,* in Egypt 5061

cynthia, Samia, (*Philosamia*)

Cyolane (*see* Phosphoramidic acid, 1,3-dithiolan-2-ylidene-, diethyl ester)
- 3253
- 3800
- 5168
- 5248

cyperi, Schizaphis

Cyperus esculentus, *Bactra verutana* on, and biological control using 4649

Cyperus rotundus, *Truxalis* spp. on, in Sudan 981

Cyphomyrmex, rectal enzymes in 4212

Cypridopsis vidua
- DDT in, toxicity of 4022
- endrin in, toxicity of 4022
- fenthion in, toxicity of 4022

Cyprinotus incongruens
- DDT in, toxicity of 4022
- Dursban in, toxicity of 4022
- fenthion in, toxicity of 4022

Cyprus
- *Ceratitis capitata* in 3917
- *Spodoptera littoralis* in 2543
  - on potato 2197, 5164
- *Thaumetopoea wilkinsoni* in
  - natural enemies of 3832
  - on *Pinus* 3832

Cyrtacanthacris tatarica, diapause in 4679

Cyrtoptyx dacicida
- in Italy 1396, 2786
- in Lebanon 4313
- parasitising
  - *Dacus oleae*
    - in Italy 1396, 2786

Cyrtoptyx dacicida *contd.*
- parasitising *contd.*
  - *Dacus oleae contd.*
    - in Lebanon 4313

L-cysteine
- in *Aphis fabae,* dietary requirement for 2988
- in *Aulacorthum circumflexum,* dependence of parasite encapsulation on 3511

L-Cystine, in *Tenebrio molitor* cuticle, not found 339

Cystiphora, on *Chondrilla juncea,* and biological control using, in Australia 5087

Cystiphora schmidtii, on *Chondrilla juncea,* and biological control using, in South Australia 3672

cytherea, Nudaurelia

Cythion (*see* Malathion)

5′-Cytidylic acid, in *Anthonomus grandis,* incorporation of uric acid into 4080

Cytokinin (*see* 1*H*-Purin-6-amine, *N*-(phenylmethyl)-)

Cytokinins, in radish, effects of *Myzus persicae* on 2351

Cytospora, in, *Populus,* in Italy 3818

Cytospora chrysosperma
- in
  - *Populus euphratica,* in Iraq 3825
  - *P. nigra,* in Iraq 3825

Cytospora cincta, in, peach, damage caused by 3206

Cytospora leucostoma, in, peach, damage caused by 3206

Cytrolane (*see* Phosphoramidic acid, (4-methyl-1,3-dithiolan-2-ylidene)-, diethyl ester)
- 1071
- 1138
- 2459
- 3253
- 4263
- 4335
- 4450
- 4451
- 4452
- 4454
- 4455
- 5239

Czechoslovakia
- *Acyrthosiphon pisum* in
  - natural enemies of 924, 4978
  - on lucerne 924, 4978
- *Agriotes* spp. in 3621
- *Agrotis ipsilon* in 2165
- Cecidomyiidae in 1775, 5192
  - on *Quercus* 1974
- *Cephalcia abietis* in 818
- *Cerapteryx graminis* in 825
- *Contarinia baeri* in, on *Pinus* 2393

echoslovakia *contd.*
Impatientinum asiaticum in
  natural enemies of 1004
  on *Impatiens parviflora* 1004
Ips typographus in
  natural enemies of 703
  on *Picea* 703
Lepidoptera in, on *Quercus* 1316
Leptinotarsa decemlineata in 822, 4960
Mamestra brassicae in, natural enemies of 3131
Myzus humuli in, on hops 121–122
M. persicae in 5239
Nasonovia brachycyclica in, on gooseberry 3184
Neodiprion sertifer in 834
Parthenolecanium corni in, natural enemies of 3741
Tetranychus urticae in, on hops 1733
Thecodiplosis brachyntera in, on *Pinus* 1548, 2393
renspinskia lordi (see *Calvolia transversostriata*)
-D (*see* Acetic acid, (2,4-dichlorophenoxy)-)
  4534
  4959
048, in cottonseed, determination of 3547
cicida, Cyrtoptyx
aconil 2787 (*see* 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-)
  3744
  4969
actinomycin, in *Pyrrhocoris apterus,* effects on embryogenesis of 1717
actobacillaceae, in, *Lymantria dispar,* in Connecticut 4878
actylis glomerata, aphids on, in UK 4187
actylopius, on *Opuntia,* in South Africa 2700
actylopius ceylonicus (see *D. indicus*)
actylopius indicus
  biology of 2700
  in Kenya 3650
  in South Africa 2700, 3650
  on *Opuntia,* and biological control using, in Kenya 3650
  preyed on by
    Cryptolaemus montrouzieri, in Kenya 3650
    Exochomus spp., in Kenya 3650
actynotus ambrosiae
  in USA 89
  on maize, in Mississippi 89
actynotus cichorii
  in Romania 1128
  in potato-fields, in Romania 1128
actynotus compositae (see *Macrosiphum*)
actynotus formosanus (see *Uroleucon*)
actynotus sonchi
  in Romania 1128
Dactynotus sonchi *contd.*
  in potato-fields, in Romania 1128
Dacus caudatus, control of, insecticides for 608
Dacus ciliatus
  attractants for 4671
  biology of 1912
  descriptions of 1913
  distribution maps of 3544
  in Egypt 1912
  in Sudan 4671
Dacus cucumis
  in Australia 2809
  on zucchini marrow, in Queensland 2809
Dacus cucurbitae
  biology of 4787
  control of
    insecticides for 1625
    γ-irradiation for 1576
    temperature control for 1576
  development in 4326
  distribution of 4787
  food-plants of 4787
  in Pakistan 4787
  mating activity in, effects of γ-irradiation on 253
  mating in 2164
  oviposition in, attractant and stimulant for 3419
  parasitised by, *Dirhinus giffardii* 5231
  rearing of, diets for 2352
  sexual dimorphism in 2164
Dacus demmerezi
  parasitised by
    Dirhinus giffardii 5231
    Tetrastichus giffardianus 5231
Dacus dorsalis
  biology of 3181
  control of 3181
    fumigants for 592
    insecticides for 1625
    integrated 4926
    γ-irradiation for 1576
    temperature control for 1576
  in India 591
  in Japan 4926
  in Pakistan 3180–3181
  in USA (Hawaii) 1655, 3660
  mating in 2164
  on guava
    in Hawaii 3660
    in India 591
  parasites of, in Hawaii 3660
  parasitised by, *Opius* spp., in Pakistan 3180
  sexual dimorphism in 2164
Dacus oleae
  alimentary canal in 2527
  amino acids in 1735, 4106
  biology of 1685, 4313
  control of
    bait-sprays for 3757, 4989

Dacus oleae *contd.*
  control of *contd.*
    baits for 1102
    insecticides for 588, 1102, 1396, 1907, 3757, 4478, 5134
  development in 5009
    effects of antibiotics on 4314
  embryonic development in 1283
  enzymes in 4572
  fatty acids in, developmental changes in 4599
  fecundity in 4614
  in Egypt 1907, 3215
  in Greece 5134
  in Israel 4989
  in Italy 588, 1396, 2786
  in Lebanon 4313
  in Spain 1102, 3757
  in Turkey 4478
  mating behaviour in, effects of γ-irradiation on 4602
  mating competitiveness in
    effects of γ-irradiation on 4602
    effects of metepa on 3501
    effects of tepa on 2463
  on olive
    in Crete 5134
    in Egypt 1907, 3215
    in Greece 5134
    in Israel 4989
    in Italy 588, 1396, 2786
    in Lebanon 4313
    in Spain 1102, 3757
    in Turkey 4478
    varietal preferences of 3215
  oviposition in 1101
  parasites of, effects of insecticides on 2786
  parasitised by
    Cyrtoptyx dacicida
      in Italy 1396, 2786
      in Lebanon 4313
    Eupelmus urozonus
      in Italy 1396, 2786
      in Lebanon 4313
    Eurytoma martellii, in Italy 1396, 2786
    Opius concolor
      and biological control using, in Italy 1396
      in Lebanon 4313
    Pnigalio mediterraneus, in Italy 1396, 2786
  pupal development in 1278
  rearing of
    diets for 5047
    techniques for 4161
  seasonal abundance of 3215
  sexual behaviour in 912
  sperm motility in, effects of tepa on 2463
  survival in 2337
  symbiotic bacteria in 1476
Dacus tryoni
  control of
    baits for 2456
    γ-irradiation for 2077
  in Australia 1655, 2077, 2341, 3032, 4307
  in Easter Island 2456
  migration in 3032
  on avocado, in Queensland 4307
  on guava, in New South Wales 2341
  overwintering in 2341
  oviposition in, effects of 2-chloroethanol on 4988
  sex pheromone of 2995
    effects of chemosterilants on productio of 4606
Dacus vertebratus
  attractants for 4671
  in Sudan 4671
Dacus zonatus
  biology of 3180
  control of 3180
  in Pakistan 3180–3181
  mating competitiveness in, effects of γ-irradiation on 4118
  on guava, in Pakistan 3180
  on mango, in Pakistan 3180
  parasitised by, *Opius* spp., in Pakistan 3180
Dahlbominus fuliginosus
  improved strains of 4227
  in Poland 4227
  parasitising
    Neodiprion sertifer 4100
    sawflies, in Poland 4227
  sex ratio in 4100
Dahlbominus fuscipennis (see *D. fuliginosu*
Dahomey
  Aceria guerreronis in, on coconut 260
  Aspidiotus elaeidis in, on *Elaeis guineëns* 4554
  cotton blue disease in 4417
daimiana, Anomala
Dalaca chiliensis, in Chile 2800
Dalaca dimidiatus (see *Hepialus*)
Dalaca noctuides, in Chile 2800
Dalapon-Na (*see* Propanoic acid, 2,2-dichloro-, sodium salt)
  2327
Dalbulus elimatus
  Acholeplasma spp. in, multiplication of 3869
  maize chlorotic dwarf virus in, not transmitted 3160
  maize stunt disease, causal agent in, transmission of 514
  Spiroplasma citri in, multiplication of 3869
Dalbulus maidis
  maize chlorotic dwarf virus in, not transmitted 3160

bulus maidis *contd.*
  aize rayado fino virus in, transmission of 511
  aize stunt disease, causal agent in, transmission of 1562
naliscus dorcas
  ieldrin in, toxicity of 1591
  hotodieldrin in, toxicity of 1591
ninozide (*see* Butanedioic acid, mono(2,2-dimethylhydrazide))
naus chrysippus
  n Egypt 3144
  n *Calotropis gigantea,* in Egypt 3144
  n *Ipomoea bona-nox,* in Egypt 3144
  arasitised by, *Trichogramma evanescens,* in Egypt 3144
naus plexippus
  ntestinal bacteria in 3540
  erratia marcescens in, pathogenicity of 3540
rna trima
  n Malaysia 5112
  n *Elaeis guineënsis,* in Sabah 5112
winianus, Iridomyrmex
sanit (*see* Fensulfothion)
sineura abietiperda
  n Czechoslovakia 5192
  n *Picea abies,* in Czechoslovakia 5192
sineura balsamicola
  n Canada 5196
  n *Abies balsamea,* in New Brunswick 5196
  n *Abies homolepis,* resistance to 5196
sineura brassicae
  control of, insecticides for 1502
  forecasting infestations of 1216
  in France 599
  on rape, in France 599
sineura fraxini, in USSR 2853
sineura ignorata
  control of, insecticides for 3708
  in France 3708
  in USSR 147
  on lucerne
    in France 3708
    in USSR 147
asineura laricis
  in Czechoslovakia 5192
  on *Larix decidua,* in Czechoslovakia 5192
asineura oxycoccana
  control of 152
  in USA 152
  on cranberry, in USA 152
asineura piceae
  in Czechoslovakia 5192
  on *Picea abies,* in Czechoslovakia 5192
asineura pyri
  control of, insecticides for 1095, 3201
  in Spain 1095, 3201
  in UK 4298
Dasineura pyri *contd.*
  on pear
    in Spain 1095, 3201
    in UK 4298
Dasiops passifloris
  in USA 2338
  on *Passiflora pallida,* in Florida 2338
Dasychira abietis
  Borrelinavirus spp. in, in USSR 1183
  in USSR 1183
Dasychira pudibunda, in West Germany 4841
dasyptera, Chrysopa
Dasytes plumbeus, in Romania 663
Date palm (*Phoenix dactylifera*)
  Icerya aegyptiaca on, in Pakistan 3123
  Oligonychus afrasiaticus on, in Iraq 1452
  Parlatoria blanchardii on
    in Egypt 2765
    in Iran 5113
    in Israel 2269, 5070
    in Morocco 2311
  soil arthropods associated with, in Egypt 1453
  Virachola livia on, in Egypt 2787
Datura stramonium
  Manduca sexta on, in Kentucky 3655
  potato leaf roll virus in, aphid transmission of 5216
dauci, Semiaphis
daucivorella, Depressaria
Daucus carota (see Carrot)
daurica, Galeruca
davatchii, Sphenoptera
Dazomet (*see* 2*H*-1,3,5-Thiadiazine-2-thione, tetrahydro-3,5-dimethyl-) 1592
2,4-DB (*see* Butanoic acid, 4-(2,4-dichlorophenoxy)-) 1218
DBP (*see* Methanone, bis(4-chlorophenyl)-)
DD (*see* Propane, 1,2-dichloro-, with 1,3-dichloro-1-propene)
DD-136 (see *Neoaplectana carpocapsae*)
  identity of 1993
DDD (1,1′-(2,2-dichloroethylidene)bis[4-chlorobenzene])
  against, *Heliothis virescens* 1527, 5170
  in cotton-fields, non-target effects of 4536
  in feral mammals, residues of 4966
  in fish, residues of 2490
  in *Haliaeetus leucocephalus,* residues of 2491
  in man, residues of 2934
  in rumen, effects of 4968
  in water, residues of 3415
  in wildlife, residues of 2955
  stability of, at high pH 3979
***o,p′*-DDD** (1-chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethyl]benzene)
  determination of 2468

- ***o,p′*-DDD** *contd.*
  - volatility of 1622
- ***p,p′*-DDD**
  - determination of 2468
  - in marine organisms, residues of 1651
  - in *Mercenaria mercenaria,* residues of 2493
  - in *Salmo gairdneri,* residues of 1207
  - in sheep, residues of 1637
  - volatility of 1622
- **DDE** (1,1′-(dichloroethenylidene)bis[4-chlorobenzene])
  - in algae, DDT metabolite 4965
  - in cotton-fields, non-target effects of 4536
  - in feral mammals, residues of 4966
  - in fish, residues of 2490, 2495
  - in *Haliaeetus leucocephalus,* residues of 2491
  - in *Leptinotarsa decemlineata,* DDT metabolite 4960
  - in *Lumbricus terrestris,* DDT product 3413
  - in man, residues of 2934
  - in marine fauna, residues of 2492
  - in *Pelecanus occidentalis,* effects of 3408–3409
  - in sewage, DDT product 3980
  - in *Sterna hirundo,* effects of 3411
  - in water, residues of 2495, 3415
  - in wildlife, residues of 2955
  - stability of, at high pH 3979
- ***o,p′*-DDE** (1-chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]benzene)
  - determination of 2468
  - volatility of 1622
- ***p,p′*-DDE**
  - determination of 2468
  - in *Lonchura striata,* effects of 3607
  - in man, residues of 1645, 2073
  - in marine organisms, residues of 1651
  - in *Salmo gairdneri,* residues of 1207
  - in sheep, residues of 1637
  - volatility of 1622
- **DDMS** (*see* Benzene, 1,1′-(2-chloroethylidene)bis[4-chloro-)
- **DDMU** (*see* Benzene, 1,1′-(chloroethenylidene)bis[4-chloro-)
- **DDT** (1,1′-(2,2,2-trichloroethylidene)bis[4-chlorobenzene])
  - against
    - *Aelia rostrata* 4521
    - *Agrotis ipsilon* 1371
    - *Amitermes desertorum* 261
    - *Amrasca devastans* 3251
    - *Anthonomus pomorum* 560, 3734
    - *Aonidiella aurantii* 182
    - *Apion apricans* 3714
    - *A. trifolii* 3714
    - *Archips xylosteanus* 693
    - *Aulacophora atripennis* 2055
    - *A. foveicollis* 1485, 2055
- **DDT** *contd.*
  - against *contd.*
    - *Bemisia tabaci* 2832, 3251
    - Buprestidae 3818
    - *Caliothrips indicus* 1917, 3233
    - *Carpomyia vesuviana* 4316
    - *Ceratitis capitata* 2933
    - *Chilo agamemnon* 1071, 4269
    - *C. partellus* 132
    - *Chloropulvinaria floccifera* 4366, 448
    - *Cnaphalocrocis medinalis* 3168
    - *Cydia pyrivora* 3737
    - *Drosophila melanogaster* 2933, 3996
    - *Dysdercus* spp. 1940
    - *Earias biplaga* 1940
    - *Empoasca lybica* 2832
    - *Euproctis lunata* 636
    - *Gravitarmata margarotana* 5195
    - *Heliothis armigera* 630, 1940, 2832, 4918, 4922
    - *H. zea* 291
    - *Helopeltis antonii* 1888
    - *Hemerocampa pseudotsugata* 3994
    - *Henosepilachna vigintioctopunctata* 1228, 3780
    - *Hydraecia micacea* 2280
    - *Hyphantria cunea* 156
    - *Leptinotarsa decemlineata* 3571, 357 4001–4002
    - *Lethrus brachiicollis* 2364
    - *Lobesia botrana* 4475
    - *Malacosoma californicum* 804
    - *Mamestra brassicae* 193
    - *Meligethes aeneus* 762
    - *Myllocerus undecimpustulatus* 3251
    - *Nezara viridula* 4750
    - *Oebalus poecilus* 2298
    - *Orosius albicinctus* 637
    - *Ostrinia nubilalis* 1071, 1414, 3781
    - *Parametriotes theae* 4483
    - *Paropsis charybdis* 719
    - *Perotis lugubris* 1081
    - pests of apple 1087
    - pests of rape 2805
    - pests of stored grain 5209
    - *Phthorimaea operculella* 4346
    - *Phytomyza horticola* 1120
    - *Pissodes notatus* 680
    - *Plutella xylostella* 598, 5139
    - *Podagrica puncticollis* 1136
    - *Pyrilla perpusilla* 499, 1034, 3704
    - *Rhyacionia buoliana* 679
    - *Rhyzopertha dominica* 2481
    - *Scaphoideus littoralis* 2767
    - *Sesamia cretica* 1071
    - *Silpha opaca* 598
    - *Sitophilus oryzae* 2481
    - *Spodoptera littoralis* 3978, 5250
    - *S. litura* 2935
    - *Stilpnotia salicis* 3270
    - *Tanymecus dilaticollis* 2293
    - *Tenebroides mauritanicus* 2481, 4592

T *contd.*
gainst *contd.*
 Tetranychus urticae 1940
 Thaumetopoea solitaria 4481
 T. wilkinsoni 3832
 Thrips tabaci 1137, 1202, 2835
 Tortrix viridana 693
 Trialeurodes vaporariorum 4954
 Tribolium castaneum 2481
 Tryporyza incertulas 4269
 Xanthodes graellsii 2832
AO specifications for 791, 796
rmulations of 2935, 4002
 Accipiter nisus, effects of 3414
 Agrotis segetum, effects of 277
 algae, uptake and metabolism of 4965
 apple
 effects of 167
 residues of 166
 bacteria, degradation of 3980
 Beauveria bassiana, toxicity of 2440
 bees, toxicity of 2805
 Blarina brevicauda, residues of 4980
 Bombyx mori, effects of 4530
 Carassius auratus, effects of 4979
 cauliflower, residues of 5253
 celery, residues of 5253
 Chlamydotheca arcuata, toxicity of 4022
 cotton, effects of 3616
 Coturnix coturnix, effects of 1230, 4961
 Cypridopsis vidua, toxicity of 4022
 Cyprinotus incongruens, toxicity of 4022
 Drosophila melanogaster, effects of 3997
 Entomophthora, toxicity of 2440
 estuarine molluscs, residues of 4975
 feral mammals, residues of 4966
 fish, residues of 2490
 forests, effects on birds of 3407
 grape vine, effects of 4472
 grapes, residues of 4475
 Hadena sordida, effects of 277
 Haliaeetus leucocephalus, residues of 2491
 leek, residues of 5253
 Leptinotarsa decemlineata, metabolism of 4960
 Lumbricus terrestris, uptake of 3413
 Lymantria dispar, effects of 277
 maize, residues of 4976
 Mamestra brassicae, effects of 277
 man, residues of 2934
 marine fauna, residues of 2492
 Metarhizium anisopliae, toxicity of 2440
n orchards, effects on birds of 3406
n *Pegomya nigritarsis,* toxicity of 2277
n plant material, bioassay for 4174
n *Poekilocerus pictus,* effects of 4951

DDT *contd.*
 in rice, toxicity of 4269
 in rumen, effects of 4968
 in sewage, degradation of 3980
 in sheep
  residues of 1637
   reduction of 3405
 in soil
  degradation of 1615
  persistence of 4268
  residues of 1652, 5253
 in *Sorex cinereus,* residues of 4980
 in sorghum, residues of 4976
 in soy beans, residues of 4976
 in spiders, toxicity of 5114
 in spinach, residues of 5253
 in *Spodoptera littoralis,* effects of 4508
 in sprays, drift resulting from 2956
 in stored maize, effects of 2417–2418
 in stored wheat, effects of 2417–2418
 in tea, residues of 4484
 in tobacco, uptake of 2374
 in *Tribolium castaneum,* effects of 2944
 in *Trifolium alexandrinum,* effects of 4014
 in *Vicia faba,* effects of 4014
 in water, residues of 3415
 in wildlife, residues of 2955
 in *Zetzellia mali,* toxicity of 2657
 resistance to, in
  Heliothis armigera, in Queensland 2631
  Leptinotarsa decemlineata
   in Austria 2036
   in Czechoslovakia 822, 4960
  Trialeurodes vaporariorum, in England 4954
  Tribolium castaneum, and cross-resistance 2056
 stability of, at high pH 3979
 with azinphos-ethyl, against, pests of cotton 4817
 with *Bacillus thuringiensis,* against, *Mamestra brassicae* 193
 with BHC
  against
   Amrasca devastans 3259
   Earias insulana 3259
   Lethrus brachiicollis 2364
   Pachytychius hordei 4437
   Pectinophora gossypiella 3259
   pests of cotton 1140, 3785, 4506
 with γ-BHC
  against
   Aelia rostrata 4521
   Agrotis ipsilon 2837
   Hyphantria cunea 156
   Iridomyrmex humilis 4214
   Meligethes aeneus 762
   Podagrica spp. 1522
   Trialeurodes vaporariorum 4954

DDT *contd.*
- with γ-BHC, and dichlorvos, against, *Lasius brunneus* 3110
- with γ-BHC, and methoxy-DDT, against, *Leptinotarsa decemlineata* 627
- with γ-BHC, and sulfur, against, *Spodoptera littoralis* 3777
- with carbaryl, against, pests of cotton 1521, 1940, 4817
- with carbaryl, and endrin, against, pests of cotton 2370
- with carbaryl, methyl-parathion, and toxaphene, against, pests of cotton 2370
- with diazinon, against, *Etiella zinckenella* 1120
- with dieldrin
  - against
    - *Chilo agamemnon* 4269
    - *Hydrellia* spp. 2735
    - *Tryporyza incertulas* 4269
  - in rice, toxicity of 2735
- with dioxathion, and toxaphene
  - against
    - *Chilo agamemnon* 4269
    - *Tryporyza incertulas* 4269
  - in rice, toxicity of 4269
- with endosulfan
  - against
    - *Heliothis armigera* 630
    - pests of cotton 1521, 3789
- with endrin
  - against
    - *Cryptophlebia leucotreta* 5235
    - *Earias insulana* 5169
    - *Pectinophora gossypiella* 5169
    - pests of cotton 2370
  - in cotton-fields, non-target effects of 4536
- with endrin and viruses, against, *Cryptophlebia leucotreta* 5235
- with fenitrothion
  - against
    - pests of cotton 1521
    - *Spodoptera littoralis* 3777
- with malathion
  - against
    - *Earias insulana* 1138, 2830
    - *Pectinophora gossypiella* 1138, 2830
- with methidathion, against, pests of cotton 4817
- with methyl-parathion
  - against
    - *Carpomyia vesuviana* 4316
    - *Heliothis armigera* 630
    - pests of cotton 3789
    - *Spodoptera littoralis* 5250
- with methyl-parathion, and toxaphene
  - against
    - *Agrotis ipsilon* 2837
    - *Aleurothrixus floccosus* 3748
    - *Earias insulana* 2830, 4810

DDT *contd.*
- with methyl-parathion, and toxaphene *contd.*
  - against *contd.*
    - *Pectinophora gossypiella* 2830, 481
    - pests of cotton 2370
    - *Spodoptera littoralis* 3253
    - *Thrips tabaci* 3801
- with monocrotophos, against, pests of cotton 4817
- with *Paecilomyces farinosus*, against, *Leptinotarsa decemlineata* 3571
- with parathion, against, *Agrilus suvorov* 3818
- with phosalone, against, pests of cotton 1521
- with phoxim, against, *Pectinophora gossypiella* 4452
- with toxaphene
  - against
    - *Amsacta albistriga* 3776
    - *A. moorei* 3776
    - pests of cotton 1940, 2370
    - *Spodoptera frugiperda* 5092

DDT analogues, biodegradability of 4937

***o,p*′-DDT** (1-chloro-2-[2,2,2-trichloro-1-(4-chlorophenyl)ethyl]benzene)
- determination of 2468
- in fowls, effects of 2926–2927
- in sheep, residues of 1637
- volatility of 1622

***p,p*′-DDT**
- against, *Drosophila melanogaster* 4959
- degradation of, in reducing environment 3417
- determination of 2468
- in *Coturnix coturnix*, effects of 2074
- in fowls, effects of 2926–2927
- in *Lonchura striata*, effects of 3607
- in man, residues of 1645, 2073
- in *Salmo gairdneri*, residues of 1207
- in sheep, residues of 1637
- synergists for
  - atrazine as 4959
  - 2,4-D as 4959
  - monuron as 4959
  - simazine as 4959
- volatility of 1622

DDVF (*see* Dichlorvos)

DDVP (*see* Dichlorvos)

deauratella, Coleophora

debilis, Chaetopsis

debilis, Scopaeus

Decanoic acid, 3-hydroxy-, (*S*)-, in *Atta* secretions and fungus gardens 2247

decellei, Afroeurydemus

decemlineata, Leptinotarsa, (*Chrysomela*)

decempunctata, Adalia, (*Coccinella*)

decipiens, Empoasca

decipiens, Sitona

declarata, Euxoa

decora, Stenoma

coratus, Exochus
corus, Scambus
ctes texanus
  in USA 85
  on soy bean, in Missouri 85
  rearing of, techniques for 85
dalus, Lapaeumides, (*Castnia*)
devap (*see* Dichlorvos)
er, white-tailed (see *Odocoileus virginianus*)
fensive secretions, in *Macrotermes carbonarius* 909
foliaria, Erannis
hydrogenase, glucose-6-phosphate, in *Galleria mellonella* ovarian explants 891
hydrogenase, glycerol-3-phosphate
  isoenzymes
    in bumblebees, as taxonomic characters 2971
    in cockroaches, as taxonomic characters 2971
hydrogenase, lactate, in *Drosophila melanogaster,* activity pattern of 1335
hydrogenase, succinate, in *Galleria mellonella* ovarian explants 891
hydrogenase, tetrahydrofolate
  in *Myzus persicae* 2119
    relation of wing formation and 5008
hydrogenase, xanthine, in *Agrotis segetum,* copper compounds antagonistic to molybdenum co-factor of 4525
eilephila, on grape vine, in Turkey 4469
iminase, arginine, in *Bacillus thuringiensis* serotypes 3901
eladenus siricidicola
  biology of 4379
  in
    Sirex spp. 4379
    S. noctilio, and biological control using 5230
laware
  Dioryctria taedae in, on *Pinus* 4061
  Ostrinia nubilalis in, on *Capsicum* 3781
leoni, Amblyseius
elia antiqua (see *Hylemya*)
elia brassicae (see *Hylemya*)
elia platura (see *Hylemya*)
lineana, Cydia, (*Grapholitha*)
lnav (*see* Dioxathion)
eloyala guttata, food-plants of, selection of 5075
lphacidae, on *Cynodon dactylon,* in Louisiana 4278
elphacodes propinqua (see *Toya*)
elphinia picta
  descriptions of 2591
  in USA 2591
  on rotting vegetation, in Florida 2591
  taxonomy of 2591
elphinium, buttercup mosaic virus in, infectivity of 4371

deltae, Lecanium (see *Coccus perlatus*)
Deltazotus, taxonomy of 4548
deltiger, Toxares
Deltocephalus, taxonomy of 4548
Deltocephalus sonorus, maize chlorotic dwarf virus in, transmission of 3160
Demephion (*see* Phosphorothioic acid, *O,O*-dimethyl *O*-[2-(methylthio)ethyl] ester, with *O,O*-dimethyl *S*-[2-(methylthio)ethyl] phosphorothioate) 1204
Demethylchlortetracycline
  in *Nephotettix cincticeps,* effects on rice yellow dwarf of 4751
  in rice, effects on rice yellow dwarf of 4751
Demeton (demeton-O plus demeton-S)
  against
    Acyrthosiphon pisum 1881
    Eriosoma lanigerum 168
    Liriomyza sativae 3772
    Macrosiphum creelii 1881
    Panonychus ulmi 1093
    Rhopalosiphum maidis 1873
    Schizaphis graminum 1873
  in *Pemphigus bursarius,* effects of 2479–2480
  in soil, persistence of 168
  resistance to, in
    Myzus humuli, in West Germany 4732
    Tetranychus urticae, in Uzbekistan 4509
Demeton-methyl (*see* Methyl-demeton)
Demeton-O (*O,O*-diethyl *O*-[2-(ethylthio)ethyl] phosphorothioate)
  with demeton-S (*see* Demeton)
Demeton-O-methyl (*see* Methyl-demeton-O)
Demeton-S (*O,O*-diethyl *S*-[2-(ethylthio)ethyl] phosphorothioate)
  with demeton-O (*see* Demeton)
Demeton-S-methyl (*see* Methyl-demeton-S)
Demeton-S-methyl sulphone (*S*-[2-(ethylsulfonyl)ethyl] *O,O*-dimethyl phosphorothioate)
  in lettuce, residues of 1634
demetrius, Papilio protenor
demmerezi, Dacus
demodocus, Papilio
demoleus, Papilio
Dendrobacillin (see *Bacillus thuringiensis* var. *dendrolimus*)
Dendroblax earlii
  in New Zealand 3861
  in telephone poles, in New Zealand 3861
Dendrocerus, hyperparasitising, aphids, in Japan 4544
Dendrocerus laevis, in Italy 580
Dendrocranulus, in California 4556
Dendroctonus, stridulatory apparatus in 1705

Dendroctonus adjunctus
  in Guatemala 5189
  on *Pinus montezumae,* in Guatemala 5189
  on *Pinus rudis,* in Guatemala 5189
  on *Pinus tenuifolia,* in Guatemala 5189
Dendroctonus brevicomis
  control of 3388
  in USA 3388
  stridulatory apparatus in 3446
Dendroctonus frontalis
  aggregation in 2381, 2383
  bacteria in, pathogenicity of 2445
  brood development in, effects of cacodylic acid on 1956
  control of 2382, 3388
    insecticides for 4957
    trap trees for 1955–1956
  fatty acids in, developmental changes in 4594
  in Guatemala 5189
  in USA 1955–1956, 3388, 4710, 4957
  microflora of 2896
  on *Pinus,* in Georgia (USA) 4957
  on *Pinus echinata,* in Texas 1955–1956
  on *Pinus elliottii,* in Texas 1955–1956
  on *Pinus montezumae,* in Guatemala 5189
  on *Pinus palustris,* in Texas 1955–1956
  on *Pinus taeda,* in Texas 1955–1956
  on *Pinus tenuifolia,* in Guatemala 5189
  parasites of
    in USA 4710
    interactions among 4710
  pheromones in 4576, 4848
  prothoracic mycangium in, fungi in 3826
  stridulatory apparatus in 3446
  verbenone in, functions of 1732
Dendroctonus micans
  control of, *Beauveria bassiana* for 5178
  in USSR 3830, 5178
  on *Picea,* in Georgia (USSR) 5178
  on *Picea orientalis,* in Georgia (USSR) 3830
  preyed on by, *Rhizophagus grandis,* in Georgia (USSR) 3830
Dendroctonus ponderosae
  biology of 1543
  control of 3388
  emergence in 1171, 3837
  flight activity in 3837
  in Canada 1171, 2386
  in USA 1543, 3388, 3837
  on *Pinus contorta*
    in British Columbia 1171
    in Wyoming 1543
  on *Pinus ponderosa,* in Washington 3837
  pheromones in 4576
  phototropism in 709
  stridulation in 1705
  stridulatory apparatus in 3446
Dendroctonus pseudotsugae
  antiaggregative pheromone in
    functions of 1308
    released in response to male stridulati 1307
  control of, trap trees for 1539
  emergence in 5190
  in Canada 2386, 5190
  in USA 1539
  on *Pseudotsuga menziesii*
    attack pattern of 1539
    in British Columbia 5190
    in Idaho 1539
  stridulation in 1705
  stridulatory apparatus in 3446
  yolk deposition in 1166, 2987
Dendroctonus rufipennis
  attraction of 4848
  flight muscle degeneration in 2859
  in Canada 2386, 2859, 4848
  on *Picea engelmannii,* in British Colum 2859
  on *Picea glauca,* in British Columbia 2859
  stridulatory apparatus in 3446
Dendroctonus valens
  in Guatemala 5189
  on *Pinus,* in Guatemala 5189
  stridulatory apparatus in 3446
Dendroica striata, preying on, *Lambdina fiscellaria,* in Newfoundland 1853
Dendroica virens, preying on, *Lambdina fiscellaria,* in Newfoundland 1853
dendrolimi, Rogas
dendrolimi, Trichogramma
Dendrolimus, taxonomy of 4054
Dendrolimus pini
  in Poland 1168
  in West Germany 711, 4841
  on *Pinus,* in West Germany 711, 4841
  on *Pinus sylvestris,* in Poland 1168
  outbreaks of 4841
  population dynamics of 1168
Dendrolimus punctatus
  bacteria in 2444
  control of 696
  distribution of 696
  in China 2444
  in Taiwan 696
  on *Pinus elliottii,* in Taiwan 696
  on *Pinus luchuensis,* in Taiwan 696
  on *Pinus massoniana,* in Taiwan 696
  on *Pinus taiwanensis,* in Taiwan 696
  sex pheromone of 713
Dendrolimus sibiricus (see *D. superans*)
Dendrolimus spectabilis
  biology of 3537
  cytoplasmic polyhedrosis virus in, infectivity of 738
  egg masses of 358
  in South Korea 3537

***ndrolimus spectabilis* contd.**
- nuclear polyhedrosis virus in, infectivity of 738
- on *Pinus*, in South Korea 3537
- parasitised by, *Trichogramma dendrolimi*, in South Korea 3537
- preyed on by, *Podisus maculiventris* 3643

ndrolimus superans
- *Bergoldiavirus dendrolimus* in, in USSR 1183
- in USSR 1151, 1183
- parasites of, in USSR 1151

nmark
- aphids in 2653
  - on *Betula* 2865
- *Etiella zinckenella* in 390
- *Hylurgops palliatus* in 1968
- *Lasius alienus* in, population dynamics of 2684
- *Lymantria monacha* in 5180
- *Oscinella frit* in, on grasses 2749
- *Pseudohermenias clausthaliana* in, on *Picea* 4832
- *Rhyacionia buoliana* in
  - natural enemies of 1165
  - on *Pinus* 1165, 1965–1967

nsitexta, Cardiaspina

ntata, Malacosoma

ntata, Pheidole

nticornis, Limothrips

nticulella, Callisto

ntifer, Myllocerus

orum, Ageneotettix

oxyribonucleic acids
- in *Anthonomus grandis*, incorporation of uric acid into 4080
- in *Eriophyes kuko* galls on *Lycium chinense* 2825
- in *Euxoa auxiliaris* nonoccluded virus 4425
- in *Galleria mellonella*, effects of *Tipula* iridescent virus on 4893
- in *Mythimna unipuncta* nuclear polyhedrosis virus, synthesis of 1194
- in *Spodoptera frugiperda* granulosis virus 246
- in *Trichoplusia ni*, *Bacillus thuringiensis* β-exotoxin inhibiting synthesis of 3338
- in *Trichoplusia ni* granulosis virus 246

EP (*see* Trichlorphon)

***epressaria*, near *daucivorella*, on** *Pimpinella anisum*, in Turkey 4458

pressus, Rhizophagus

punctalis, Nymphula

***eraeocoris lutescens*,** pesticides in, toxicity of 3578

eraeocoris ruber
- biology of 2321
- in Italy 2321

***Deraeocoris ruber* contd.**
- preying on
  - *Corylobium avellanae*, in Italy 2321
  - *Myzocallis coryli*, in Italy 2321

***Deraeocoris serenus*,** in Bulgaria 2279

derisor, Haplothrips

Dermaptera
- in Africa 2963
- in Cook Islands 4561
- in Niue Island 4561
- zoogeographical checklist of 4065

***Dermestes ater*,** control of, insecticides for 2483

***Dermestes frischii*,** proteins in, during development 359

***Dermestes lardarius*,** biology of 2872

Dermestes maculatus
- biology of 5202–5203
- control of, juvenile hormone analogues for 1720
- fecundity in, effects of lipid depressant on 5004
- growth in, effects of lipid depressant on 5004
- oviposition in 5204
- preyed on by, *Pygmephorus* spp. 5202
- reproduction in, effects of overdosed biotin on 1710

Dermestes vulpinus (see *D. maculatus*)

dermestoides, Hylecoetus

deromecoides, Medonia

Derostenus
- parasitising
  - *Phytomyza vomitoriae*
    - in Florida 116
    - in Georgia (USA) 481

Derostenus albipes
- sp. n., description of 2504
- in Canada 2504
- in USA 2504
- parasitising, *Nepticula* spp., in North America 2504

Derostenus freemani
- sp. n., description of 2504
- in Canada 2504
- in USA 2504
- parasitising, *Nepticula* spp., in North America 2504

Derris (*see also* Rotenone)
- with pyrethrins
  - against
    - *Ceutorhynchus assimilis* 1502
    - *Dasineura brassicae* 1502
    - *Meligethes* spp. 1502
  - in *Philonthus fuscipennis*, toxicity of 1502
  - in *Tachyporus hypnorum*, toxicity of 1502

Desantisella trifasciata
- sp. n., description of 1032
- in Brazil 1032

Desantisella trifasciata contd.
  parasitising, *Rhinoleucophenga obesa,* in Brazil 1032
desantisi, Aphelinus
deserta, Acheta
desertana, Semasia diniana (see *Zeiraphera*)
desertana, Zeiraphera diniana
desertorum, Amitermes
desertus, Melanogryllus
Desmia funeralis
  in USA 1763
  parasitised by, *Prosierola bicarinata* 113
  sex pheromone of 1763
desmodii, Trialeurodes
Desmodium, *Cenopalpus aratus* on, in Pakistan 2979
Despirol (*see* 1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-, ethyl ester)
    203
    625
    1249
destructor, Aspidiotus
destructor, Ctenicera aeripennis
destructor, Gascardia, (*Ceroplastes*)
destructor, Glycyphagus
destructor, Halotydeus
destructor, Mayetiola
destructor, Monomorium
destructor, Vasates (see *Aculops lycopersici*)
destruens, Myelophilus, (*Blastophagus*)
detectus, Iridomyrmex
detersa, Euxoa
Detox (*see* DDT)
Deudorix livia (see *Virachola*)
Deuterophlebia mirabilis, in USSR 3530
devastans, Amrasca, (*Empoasca*)
Devorgilla canescens
  embryonic development in 5007
  Mythimna viral toxin in, effects of 3645
  oviposition in, effects of host mandibular gland secretion on 5012
  ovipositor sense organs in 1274
  parasitic behaviour in 5063–5064
  parasitising
    Ephestia cautella 2261
    E. kuehniella 3645, 5007, 5063–5064
dewitzii, Erencyrtus
Dextrose (*see* D-Glucose)
Di-Syston (*see* Disulfoton)
Diabrotica
  control of, insecticides for 5243
  preyed on by, *Harpalus erraticus* 4715
Diabrotica balteata
  bean yellow stipple virus in, transmission of 1566
  cowpea mosaic virus in, transmission of 1565
Diabrotica longicornis
  control of, insecticides for 1415
Diabrotica longicornis contd.
  in USA 1415
  on maize
    damage caused by 1415
    in Indiana 1415
Diabrotica speciosa
  control of, insecticides for 1106
  in Brazil 1106, 1123
  on banana
    damage caused by 1106
    in Brazil 1106
  on groundnut, in Brazil 1123
Diabrotica undecimpunctata howardi, egg of, enzymes in 23
Diabrotica virgifera
  control of, insecticides for 4011
  diazinon susceptibility in, in Nebraska 1412
  in USA 1412–1413, 1415, 4011
  on lucerne, in Nebraska 4011
  on maize
    damage caused by 1415
    in Indiana 1415
    in Nebraska 4011
  phorate susceptibility in, in Nebraska 1412
  preyed on by, *Harpalus pensylvanicus* 1009
  sex attractant of 1413
Diacrisia obliqua
  biology of 2223
  control of 2223
    insecticides for 2839, 5144
  Entomophthora spp. in, in Bangalore 2448
  in India 2448, 2839, 5144
  natural enemies of 2223
  on jute
    damage caused by 2839
    in India 2839
  on mustard, in Punjab 5144
Diadegma armillata (see *Nythobia*)
Diadegma fenestralis (see *Nythobia*)
Diadegma insularis (see *Nythobia*)
Diadegma stellenboschensis (see *Nythob*
Diaeretiella rapae
  dispersal of 1005
  flight activity in 1005
  host-seeking behaviour in 1856
  in Bulgaria 3765
  in France 1255, 1766
  in Poland 3580
  in South Africa 601
  in USA 604
  orientation in 1005
  parasitised by
    Alloxysta spp., in Bulgaria 3765
    Pachyneuron spp., in Bulgaria 3765
  parasitising
    aphids, in South Africa 601
    Brevicoryne brassicae 1856
      in Bulgaria 3765

eretiella rapae *contd.*
arasitising *contd.*
Brevicoryne brassicae contd.
in California 604
in Poland 3580
Myzus persicae 1856
in France 1766
opulation dynamics of, effects of parasitism on 826
leurodes citri
schersonia spp. in, and biological control using 184
ontrol of 577
n India 577
n Japan 184
n *Citrus*
damage caused by 577
in Japan 184
in Uttar Pradesh 577
leurodes dothioensis
n Pakistan 3543
n mulberry, in Pakistan 3543
n *Rosa indica,* in Pakistan 3543
lifor (*S*-[2-chloro-1-(1,3-dihydro-1,3-dioxo-2*H*-isoindol-2-yl)ethyl] *O,O*-diethyl phosphorodithioate)
gainst, *Brevipalpus phoenicis* 2781
lifos (*see* Dialifor)
llus, Cirrospilus
nthicus, Tetranychus
parsis carinifer
n Yugoslavia 464
arasitising
Oulema melanopus
and biological control using, in Michigan 5071
in Yugoslavia 464
pause, hormonal control of 1715
perinus, Alphitobius
phania nitidalis
ontrol of, reflective mulches for 4328
n USA 4328
n squash, in Georgia (USA) 4328
pheromera femorata
ontrol of, *Bacillus thuringiensis* for 4520
n USA 4520
n *Quercus,* in Missouri 4520
phorina, parasitised by, *Psyllaphycus diaphorinae,* in Punjab 851
phorina citri
Citrus likubin disease, causal agent in 736
in Réunion 1905
in Thailand 4309
on *Citrus,* in Réunion 1905
phorinae, Psyllaphycus
aprepes abbreviatus
Beauveria bassiana in, infectivity of 3321
Metarhizium anisopliae in, infectivity of 3321
arsia, in Indian region 856

Diaspididae
in Georgia (USA) 5039
in Mozambique 3640
in Taiwan 1264
mites associated with 975
preyed on by, Cybocephalidae, in Israel 5070
Diaspidiotus africanus
in South Africa 2972
taxonomy of, *Aspidiotus pectinatus* as synonym of 2972
Diaspidiotus ancylus
descriptions of 2972
in South Africa 2972
Diaspidiotus osborni
descriptions of 2972
in South Africa 2972
Diaspidiotus yomae
sp. n., description of 2972
in South Africa 2972
diaspidis, Aphytis, (*Aphelinus*)
Diaspis echinocacti, parasitised by, *Signiphora borinquensis* 1391
Diastase (*see* Amylase)
Diatraea
control of, in Mexico 2712
on maize
in Mexico 2711
resistance to 2711
on sugar-cane, in Brazil 2285
Diatraea centrella
in Guyana 2284
in St. Lucia 2284
Diatraea grandiosella
control of
crop management for 2724
insecticides for 2724
development in, effects of hypocholesterolemic agents on 4515
diapause in 2129, 4103, 5020
endocrine system in 2129
in USA 2724
marking of, dyes in food for 2192
on maize, in USA 2724
on sorghum, in USA 2724
on *Sorghum halepense,* in USA 2724
on *Sorghum sudanense,* in USA 2724
on sugar-cane, in USA 2724
spermatogenesis in 2559–2560
Diatraea impersonatella
in Guadeloupe 2284, 3064
in Trinidad and Tobago 2284
on *Paspalum virgatum,* in Guadeloupe 2284
on sugar-cane, in Guadeloupe 2284, 3064
parasitised by, *Apanteles flavipes,* and biological control using, in Guadeloupe 3064
Diatraea saccharalis
azinphos-methyl resistance in, and cross-resistance 1595

- ***Diatraea saccharalis*** *contd.*
  - biology of 5030–5031
  - carbofuran resistance in, and cross-resistance 1595
  - control of 3381
  - fecundity in 2309
  - in Cuba 2260
  - in Guadeloupe 2284, 3064
  - in Guyana 2284
  - in St. Lucia 2284
  - in Trinidad and Tobago 2284
  - in USA 3381
  - on sugar-cane
    - in Cuba 2260
    - in Guadeloupe 2284, 3064
    - in Louisiana 3381
  - oviposition in 2309
  - parasitised by
    - *Apanteles flavipes,* and biological control using, in Guadeloupe 3064
    - *Lixophaga diatraeae*
      - and biological control using
        - in Cuba 2260
        - in Guadeloupe 2284
    - *Metagonistylum minense*
      - and biological control using
        - in Guadeloupe 2284
        - in Guyana 2284
        - in St. Lucia 2284
    - *Paratheresia claripalpis,* and biological control using, in Guadeloupe 2284
- ***diatraeae, Lixophaga***
- ***diatraeae, Trichospilus***
- **20,25-Diazacholesterol** (*see* Androst-5-en-3-ol, 17-[[3-(dimethylamino)propyl]methylamino]-, (3β,17β)-)
- **Diazene, [(4-chlorophenyl)thio](2,4,5-trichlorophenyl)-** (*see* Chlorfensulphide)
- **Diazinon** (*O,O*-diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate)
  - against
    - *Agrotis ipsilon* 4456
    - *Aleurolobus barodensis* 1034
    - *Anisolabis* spp. 4340
    - *Anomala rufocuprea* 615
    - *Aonidiella aurantii* 182
    - *Athalia lugens* 774
    - *Blissus insularis* 2304
    - *B. leucopterus* 143
    - *Chilo* spp. 3697
    - *C. suppressalis* 539, 2730
    - *Chironomus* spp. 2295
    - *Cydia pomonella* 172
    - *Dacus caudatus* 608
    - *D. oleae* 588
    - *Dasineura pyri* 3201
    - *Diabrotica virgifera* 1412
    - *Drosophila melanogaster* 1617, 4959
    - *Elasmopalpus lignosellus* 1876
    - *Eulecanium* spp. 2699
    - *Euleia heraclei* 4500
- **Diazinon** *contd.*
  - against *contd.*
    - *Euproctis lunata* 636
    - *Euxoa detersa* 3691
    - *Folsomia candida* 1626
    - *Heliothis armigera* 630, 2354
    - *Hellula undalis* 1112
    - *Hyadaphis erysimi* 2349, 3770
    - *Hydrellia philippina* 524
    - *Hylemya antiqua* 1922, 3241
    - *H. brassicae* 1498, 3778, 4500
    - *H. platura* 3227
    - *Hypera postica* 1880, 2032, 4526
    - *Iridomyrmex humilis* 1858
    - *Lachnosterna crinita* 125
    - *Laodelphax striatella* 2730
    - *Leucinodes orbonalis* 4349
    - *Liriomyza sativae* 1204, 1499, 3772
    - *Lobesia botrana* 3717
    - *Lygus hesperus* 3242
    - *Nephotettix cincticeps* 1200, 2730
    - *N. virescens* 4267
    - *Nezara viridula* 4750
    - *Nilaparvata lugens* 2730
    - *Nycteola asiatica* 2870
    - *Operophtera bruceata* 3726
    - *Ostrinia nubilalis* 131
    - *Parlatoria blanchardii* 5113
    - pests of rice 4262–4263
    - *Phenacaspis cockerelli* 2590
    - *Phytomyza horticola* 1120
    - *Planococcus citri* 4471
    - *Plutella xylostella* 1112
    - *Prays oleae* 1103–1104
    - *Psila rosae* 3608, 4500, 4797, 4955
    - *Pyrilla perpusilla* 1034
    - *Quadraspidiotus ostreaeformis* 557
    - *Q. perniciosus* 557
    - *Rhopalosiphum maidis* 1873
    - *Schizaphis graminum* 1873, 4250
    - *Sciara auripila* 486
    - *Sogatella furcifera* 2730
    - *Sphenophorus* spp. 1876
    - *Spodoptera frugiperda* 5092
    - *S. littoralis* 1929
    - *S. litura* 4003
    - *Taeniothrips orionis* 1902
    - *Taniva albolineana* 3841
    - *Tanymecus dilaticollis* 2293
    - *Tetranychus urticae* 4198
    - *Tryporyza incertulas* 524, 3697
  - in *Apanteles plutellae,* toxicity of 1011
  - in apricots, residues of 1613
  - in *Beauveria bassiana,* toxicity of 2440
  - in carrots, residues of 1640, 3609, 479
  - in celery, residues of 2345
  - in *Chrysopa ploribunda,* toxicity of 42
  - in *Cycloneda sanguinea,* toxicity of 42
  - in *Entomophthora,* toxicity of 2440
  - in *Hippodamia convergens,* toxicity of 4250

azinon *contd.*
- n *Lysiphlebus testaceipes,* toxicity of 4250
- n maize, effects of 131
- n mammals, metabolites of 294
- n *Metarhizium anisopliae,* toxicity of 2440
- n *Orius,* toxicity of 3242
- n *Orius insidiosus,* toxicity of 4250
- n pea
  - metabolism of 4009
  - systemic activity of 612
- n *Philonthus fuscipennis,* toxicity of 1502
- n plant material, bioassay for 4174
- n rice, metabolism of 4009
- n rice-fields, microbial degradation of 1620
- n rodents, residues of 1646
- n sheep, metabolism of 4008
- n soil
  - persistence of 1626
  - products of 4009
  - residues of 1643, 3609
- n *Spodoptera litura,* effects of 2135, 4003
- n *Stethorus nigripes,* toxicity of 4532
- n *Tachyporus hypnorum,* toxicity of 1502
- n tomato, residues of 1499
- n wine, residues of 5252
- esistance to, in
  - *Myzus persicae* 2459
    - in Czechoslovakia 5239
  - *Oryzaephilus mercator* 3391
- ynergists for, atrazine as 4959
- with DDT, against, *Etiella zinckenella* 1120
- with dimetilan, against, *Dacus oleae* 588
- with oil emulsion, against, *Asterolecanium pustulans* 215
- with protein bait
  - against
    - *Anastrepha fraterculus* 5107
    - *Ceratitis capitata* 5107
    - *Toxotrypana curvicauda* 5137
- with sugars, against, aphids 612

azinon, hydroxy- (*see* Phosphorothioic acid, *O,O*-diethyl *O*-[2-(1-hydroxy-1-methylethyl)-6-methyl-4-pyrimidinyl] ester)

azoxon (*see* Phosphoric acid, diethyl 6-methyl-2-(1-methylethyl)-4-pyrimidinyl ester)

benzo-1,4-dioxin, 2,3,7,8-tetrachloro-, in pesticides 2049

brachys boucheanus (see *D. cavus*)

brachys cavus
- in Cyprus 3832
- in USSR 4770
- parasitising
  - *Cydia pomonella,* in Moldavia 4770

Dibrachys cavus *contd.*
- parasitising *contd.*
  - *Thaumetopoea wilkinsoni,* in Cyprus 3832

Dibrom (*see* Naled)

Dibutox (*see* Dinoseb)

Dicamba (*see* Benzoic acid, 3,6-dichloro-2-methoxy-)
- 1218
- 1219

Dicerura iridis
- biology of 3953
- in USSR 3953
- on *Acorus calamus,* in Lithuania 3953
- on *Iris pseudacorus,* in Lithuania 3953

Dichlofenthion (*O*-(2,4-dichlorophenyl *O,O*-diethyl phosphorothioate)
- against
  - *Blissus insularis* 2304
  - *Hylemya brassicae* 2348, 3611
  - *Scutigerella immaculata* 4007

Dichlofluanid (*see* Methanesulfenamide, 1,1-dichloro-*N*-[(dimethylamino)sulfonyl]-1-fluoro-*N*-phenyl-)
- 1020

Dichlorvos (2,2-dichloroethenyl dimethyl phosphate)
- against
  - *Anthrenus flavipes* 4956
  - *Acarus siro* 1977
  - *Amsacta albistriga* 3776
  - *A. moorei* 209, 3776
  - *Anobium punctatum* 3300
  - *Aphis fabae* 2377
  - *Aulacophora foveicollis* 1485
  - *Ceratitis capitata* 158, 3751, 4778
  - *Choristoneura fumiferana* 694
  - *Cnaphalocrocis medinalis* 3168
  - *Dioryctria reniculella* 694
  - *Drosophila melanogaster* 3996
  - *Earias insulana* 1607
  - *Ephestia cautella* 2404, 4493
  - *E. elutella* 4494
  - glasshouse pests 3935
  - *Henosepilachna vigintioctopunctata* 1228
  - *Lasioderma serricorne* 2404, 4494
  - *Leucinodes orbonalis* 4349
  - *Macrosiphum rosae* 4914
  - mushroom flies 118
  - *Myzus persicae* 2377
  - pests of stored grain 1984
  - *Phytomyza horticola* 4335
  - *Planococcus citri* 216, 3211, 4471
  - *Plodia interpunctella* 4493
  - *Plutella xylostella* 1910
  - *Pseudococcus adonidum* 216
  - *P. maritimus* 216
  - *Rhyzopertha dominica* 2404
  - *Schistocerca gregaria* 2240
  - *Sitotroga cerealella* 1985
  - *Sphenoptera davatchii* 1884

Dichlorvos *contd.*
against *contd.*
Sphenoptera contd.
S. kambyses 1884
Spodoptera litura 4003
Stigmella malella 4768
Tetranychus urticae 4917
Trialeurodes vaporariorum 4954
Tribolium castaneum 1633, 2404
Tyrophagus putrescentiae 1977
chemical properties of 1635
formulations of 4956
in *Aonidiella aurantii,* toxicity of 5042
in *Apanteles plutellae,* toxicity of 1011
in *Aphidius,* toxicity of 1243
in *Attagenus megatoma,* effects of 4952
in burlap, residues of 2404
in *Chrysopa carnea,* toxicity of 1243
in *Coccinella septempunctata,* toxicity of 1243
in cotton fibre, residues of 2404
in *Encarsia formosa,* toxicity of 1243
in entomopathogenic fungi, effects of 4969
in *Menochilus sexmaculatus,* toxicity of 2470
in mice, effects of 2943
in mushrooms, residues of 1242
in paper, residues of 2404
in *Perilloides bioculatus,* toxicity of 1243
in *Periplaneta americana,* effects of 2943
in *Phytoseiulus persimilis,* toxicity of 1243
in plant material, bioassay for 4174
in predatory insects, toxicity of 3578
in rumen, effects of 4968
in *Spodoptera litura,* effects of 2135, 4003
in stored rice, residues of 1985
physical properties of 1635
vertebrate toxicity of 1635
with γ-BHC, and DDT, against, *Lasius brunneus* 3110
with phosphine
against
Ephestia elutella 4494
Lasioderma serricorne 4494
Dichocrocis punctiferalis
in Australia 4276
in India 591
on guava, in India 591
on sorghum, in Queensland 4276
Dichrogaster
in Europe 2978
taxonomy of 2978
Dichroplus elongatus
control of, insecticides for 982
in Argentina 982
dichroum, Apion
Dicladispa armigera
biology of 4265
control of, insecticides for 4265, 4272
Dicladispa armigera *contd.*
in India 4263, 4265, 4268
on *Mnesithia laevis,* in India 4265
on *Paspalum sanguinale,* in India 4265
on rice
in Andhra Pradesh 4263
in India 4265, 4268
in West Bengal 4263
Diclidophlebia eastopi
biology of 5181
in Nigeria 5181
on *Triplochiton scleroxylon,* in Nigeria 5181
Diclidophlebia harrisoni
biology of 5181
in Nigeria 5181
on *Triplochiton scleroxylon,* in Nigeria 5181
Dicofol (4-chloro-α-(4-chlorophenyl)-α-(trifluoromethyl)benzenemethanol)
against
Brevipalpus californicus 5174
Cenopalpus pulcher 2469
Mononychellus tanajoa 4803
Oligonychus coffeae 5174
O. indicus 4527
Panonychus citri 3957
P. ulmi 2478, 4005
pests of squash 3771
Phyllocoptruta oleivora 2782
Polyphagotarsonemus latus 5131
Tetranychus arabicus 3799, 3995, 46
T. cinnabarinus 558
T. cucurbitacearum 3799, 3995
T. urticae 274, 784, 1076, 2848
T. viennensis 1085
Trisetacus quadrisetus 2589
in *Agistemus exsertus,* toxicity of 2469
in apple, effects of 167
in *Panonychus citri,* metabolism of 17
in *Panonychus ulmi,* effects of 3402
in *Phytoseius plumifer,* toxicity of 294
in *Stethorus nigripes,* toxicity of 4532
in *Tetranychus urticae,* effects of 2985, 3402
resistance to, in, *Tetranychus urticae* 4509
with dinocap, against, *Panonychus ulmi* 2924
with quinomethionate, against, *Tetranychus urticae* 1914
Dicranoctetes, taxonomy of, characters distinguishing *Eupneusta* and 5078
Dicranoctetes saccharella
in Cuba 5078
on sugar-cane, in Cuba 5078
Dicranotropis hamata
in Finland 5084
on barley, in Finland 5084
on oats, in Finland 5084
on rye, in Finland 5084
on wheat, in Finland 5084

rotophos ((*E*)-3-(dimethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate)
gainst
  Aceria mangiferae 4783
  Acyrthosiphon pisum 1119
  Aphis craccivora 1119
  Brevipalpus phoenicis 2781
  Chilo spp. 3697
  Dicladispa armigera 4272
  Empoasca spp. 1119
  Eurygaster spp. 5233
  Leucoptera coffeella 3262
  Liriomyza sativae 3772
  Lorryia turrialbensis 2781
  Lygus hesperus 3242
  Melanoplus bivittatus 1431
  M. differentialis 1431
  M. femurrubrum 1431
  Nezara viridula 4750
  pests of cotton 1521
  Sahlbergella singularis 1224
  Spodoptera littoralis 3253
  Tetranychus urticae 1119, 1500
  thrips 1931
  Tryporyza incertulas 3697
  Undulambia polystichalis 1146
n bees, toxicity of 3712
n *Orius,* toxicity of 3242
n *Pinus,* persistence of 5184
vith endrin, against, *Spodoptera littoralis* 3253, 3800, 5168
vith endrin, and polyhedrosis virus, against, *Spodoptera littoralis* 3244
ctyna volucripes
n USA 533
reying on, lucerne pests, in New York 533
ctyoploca japonica, cytoplasmic polyhedrosis virus in, infectivity of 738
tyospermi, Chrysomphalus
ctyotus caenosus
n Australia 4337
on soy bean, in New South Wales 4337
dimac (*see* DDT)
dymella applanata, *Thomasiniana theobaldi,* relation of, and 3716
dymuria violescens
n Australia 4378
on *Eucalyptus,* in Australia 4378
outbreaks of 4378
eldrex (*see* Dieldrin)
eldrin ((1aα,2β,2aα,3β,6β,6aα,7β,7aα)-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth[2,3-*b*]oxirene)
against
  Agrotis ipsilon 5138
  Altermetoponia spp. 5081
  Amitermes desertorum 261
  Anthrenus flavipes 4399
  Astylus atromaculatus 2741

Dieldrin *contd.*
against *contd.*
  Aulacophora foveicollis 1485
  Ceratitis capitata 2933
  Chilo agamemnon 4269
  Cosmopolites sordidus 3260
  Cylas formicarius 4802
  Drosophila melanogaster 1617, 2933, 4959
  Dundubia rufivena 3809
  Folsomia candida 1626
  Helopeltis antonii 1888
  Hodotermes mossambicus 146, 275, 534, 776, 2010
  Iridomyrmex detectus 3111
  Leucinodes orbonalis 4349
  Nomadacris septemfasciata 432
  Omphisa anastomosalis 4802
  Oryctes spp. 5111
  Peridroma saucia 5138
  pests of stored grain 5209
  Phalanta phalantha 4389
  Pheidole megacephala 4765
  Phlogophora meticulosa 5138
  Teleogryllus commodus 2750
  termites 4389
  Tibiomus gossypii 1362
  Tribolium castaneum 1633
  Tryporyza incertulas 4269
  Xyleborus fornicatus 2846
determination of 2468
FAO specifications for 790
in *Accipiter nisus,* toxicity of 3414
in *Antidorcas marsupialis,* toxicity of 1591
in cattle, residues of 2928
in *Cheloctonus jonesii,* toxicity of 775
in coffee, effects of 654, 4018
in cotton, determination of 4531
in cotton-fields, non-target effects of 4536
in *Damaliscus dorcas,* toxicity of 1591
in estuarine molluscs, residues of 4975
in feral mammals, residues of 4966
in fowls, residues of 2046
in guinea-fowl, toxicity of 765
in *Haliaeetus leucocephalus,* residues of 2491
in man, residues of 2073, 2934
in marine organisms, residues of 1651
in *Mercenaria mercenaria,* residues of 2493
in milk, residues of 1222
in *Passer melanurus,* toxicity of 765
in plant material, bioassay for 4174
in *Poekilocerus pictus,* effects of 4951
in potato, aldrin metabolite 4962
in rats
  effects of 2068
  metabolism of 1231
in rice, toxicity of 4269
in rumen, effects of 4968

- **Dieldrin** *contd.*
  - in soil
    - aldrin product 4962
    - non-target effects of 2010
    - persistence of 1626, 4268
    - residues of 1652, 4976
  - in *Stigmatopelia senegalensis,* toxicity of 765
  - in termites, effects on gut symbionts of 2272
  - in water, residues of 3415
  - in wildlife, residues of 2955
  - metabolites of 272
  - photoalteration products of 3985
  - resistance to, in
    - *Cosmopolites sordidus,* in New South Wales 4782
    - *Leptinotarsa decemlineata,* in Austria 2036
    - *Psila rosae,* in England 4955
  - synergists for, atrazine as 4959
  - with DDT
    - against
      - *Chilo agamemnon* 4269
      - *Hydrellia* spp. 2735
      - *Tryporyza incertulas* 4269
    - in rice, toxicity of 2735
- **Dienochlor** (*see* Bi-2,4-cyclopentadien-1-yl, 1,1′,2,2′,3,3′,4,4′,5,5′-decachloro-)
- **Diethchinalphion** (*see* Phosphorothioic acid, *O,O*-diethyl *O*-2-quinoxalinyl ester)
- **Diethion** (*see* Ethion)
- ***differentialis, Melanoplus***
- ***Digitaria ascendens, Atherigona soccata*** on 1050
- ***Digitaria decumbens, Blissus*** spp. on, in Mexico 2747
- ***Digitaria didactyla,*** sugar-cane mosaic virus in, in Australia 2283
- ***Diglyphus intermedius***
  - in USA 116
  - parasitising, *Phytomyza vomitoriae,* in Florida 116
- **Dihydrochlordene dicarboxylic acid** (*see* 4,7-Methano-1*H*-indene-1,3-dicarboxylic acid, 4,5,6,7,8,8-hexachloro-2,3,3a,4,7,7a-hexahydro-)
- **Dihydrolase, arginine** (*see* Deiminase, arginine)
- ***dilatatus, Glyptotermes***
- ***dilaticollis, Tanymecus***
- ***dilecta, Podagrica***
- **Dimecron** (*see* Phosphamidon)
- **Dimefox** (tetramethylphosphorodiamidic fluoride)
  - in hops, residues of 5077
- ***dimensus, Tenuipalpus***
- **1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-,**
  - (1α,4α,4aβ,5α,8α,8aβ)- (*see* Aldrin)
- **2,7:3,6-Dimethanonaphth[2,3-*b*]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7, octahydro-**
  - (1aα,2β,2aα,3β,6β,6aα,7β,7aα)- (*see* Dieldrin)
  - (1aα,2β,2aβ,3α,6α,6aβ,7β,7aα)- (*see* Endrin)
- **2,7:3,6-Dimethanonaphth[2,3-*b*]oxiren-8-ol 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7, octahydro-**
  - (1aα,2β,2aα,3β,6β,6aα,7β,7aα,8β)-
    - dieldrin metabolite 272
    - photolysis products of 272
- **1,5:2,4-Dimethanopentalene, 2,3,3,3a,4,5,7, octachlorooctahydro-**
  - chlordane photoalteration product 12
  - in lucerne, chlordane metabolite 4021
- **1,5:2,4-Dimethanopentalen-7-one, 2,3,3,3a,4,6,8-heptachlorooctahydro-,**
  - heptachlor epoxide photoalteration product 1217
- **Dimethirimol** (*see* 4-Pyrimidinol, 5-butyl- (dimethylamino)-6-methyl-) 3744
- **Dimethoate** (*O,O*-dimethyl *S*-[2-(methylamino)-2-oxoethyl] phosphorodithioate)
  - against
    - *Aceria mangiferae* 4783
    - *Acyrthosiphon pisum* 1119
    - *Adelges tardus* 3613
    - *Aleurocanthus woglumi* 3754
    - *Aleurothrixus floccosus* 5130
    - *Anarsia lineatella* 4300
    - *Anastrepha fraterculus* 5107
    - aphids 660, 1238
    - *Aphis craccivora* 1119
    - *A. fabae* 751
    - *A. gossypii* 640, 3923
    - *A. spiraecola* 1475
    - *Asterolecanium pustulans* 215
    - *Bemisia tabaci* 1131, 2832
    - *Brevicoryne brassicae* 4130
    - *Brevipalpus californicus* 1107
    - *B. phoenicis* 2781
    - *Callosobruchus analis* 4402
    - *Ceratitis capitata* 1625, 2933, 5107
    - *Cnaphalocrocis medinalis* 3168
    - *Cydia molesta* 3080
    - *C. pyrivora* 3737
    - *Dacus caudatus* 608
    - *D. cucurbitae* 1625
    - *D. dorsalis* 1625
    - *D. oleae* 588, 1102, 1907, 3757
    - *Drosophila melanogaster* 2933
    - *Dysdercus* spp. 1940
    - *Earias biplaga* 1940
    - *Empoasca* spp. 1119, 1131, 3245
    - *E. fabae* 1495
    - *E. lybica* 2832
    - *Eulecanium* spp. 2699
    - *Eurygaster* spp. 1203, 5233

ethoate *contd.*
gainst *contd.*
  Eutetranychus orientalis 1107
  grasshoppers 982
  Heliothis armigera 1940, 2815, 2832
  Helopeltis antonii 1888
  Hyadaphis erysimi 2349, 3770
  Hyphantria cunea 156
  Idiocerus stali 4482, 5120
  Lepidosaphes beckii 1107
  Lipaphis erysimi 4786
  Liriomyza sativae 1204, 3772
  Lorryia turrialbensis 2781
  Lygus hesperus 1520, 4334
  L. rugulipennis 5251
  Macrosiphum avenae 2720
  Myzus humuli 4732
  M. persicae 1131, 1206, 1495, 4130, 4457, 5152
  Napomyza carotae 1124
  Oligonychus indicus 4527
  Orosius albicinctus 637
  Panonychus ulmi 1091
  Papilio demoleus 1472
  Parametriotes theae 5173
  Parasaissetia nigra 1107
  Parlatoria blanchardii 5113
  Pegomya betae 623
  pests of cotton 3789
  pests of soy bean 5149
  pests of squash 3771
  Petrobia latens 3157
  Phenacaspis cockerelli 2590
  Phthorimaea operculella 1131, 1495
  Phytomyza horticola 2815
  P. rufipes 2344
  Planococcus citri 216, 3211
  Prays oleae 1103–1104, 3216
  Pseudococcus adonidum 216
  P. maritimus 216
  Recurvaria nanella 3723
  Rhagoletis cerasi 160
  Rhizoecus americanus 3812
  R. cacticans 1147
  Salagena spp. 4777
  Scaphoideus littoralis 2767
  Schizaphis graminum 4250
  Sphenoptera davatchii 1884
  S. kambyses 1884
  Taeniothrips simplex 660
  Taniva albolineana 3841
  Tanymecus dilaticollis 1410, 2293
  Tetranychus urticae 274, 1119, 1206, 1500, 1940–1941, 4198, 4919, 5129
  thrips 640
  Thrips tabaci 1131, 1495, 1933
  Toxotrypana curvicauda 5137
  Trialeurodes vaporariorum 4954
  Virachola livia 4904
  Xanthodes graellsii 2832
formulations of 3923
in *Agrotis segetum,* effects of 277

Dimethoate *contd.*
in *Amblyseius aberrans,* toxicity of 2946
in *Aphidius,* toxicity of 1243
in bean, formothion metabolite 1647
in cattle, residues of 2488
in cherries, residues of 1634
in *Chrysopa carnea,* toxicity of 1243
in *Chrysopa ploribunda,* toxicity of 4250
in *Coccinella septempunctata,* toxicity of 1243
in *Crotalaria juncea,* toxicity of 637
in *Cycloneda sanguinea,* toxicity of 4250
in *Encarsia formosa,* toxicity of 1243
in *Hadena sordida,* effects of 277
in *Hippodamia convergens,* toxicity of 4250
in lettuce, residues of 1634
in *Lymantria dispar,* effects of 277
in *Lysiphlebus testaceipes,* toxicity of 4250
in *Mamestra brassicae,* effects of 277
in orchards, non-target effects of 2770
in *Orius insidiosus,* toxicity of 4250
in pasture, residues of 2488
in *Perilloides bioculatus,* toxicity of 1243
in *Philonthus fuscipennis,* toxicity of 1502
in *Phoenix,* toxicity of 3812
in *Phytoseiulus persimilis,* toxicity of 1243
in *Pinus,* persistence of 5184
in plant material, bioassay for 4174
in potato, no ill effects from 5152
in predatory insects, toxicity of 3578
in radish, residues of 1634
in rice
  systemic activity of 778
  toxicity of 778
in *Saintpaulia,* toxicity of 3812
in soy bean, toxicity of 4339
in spiders, toxicity of 5114
in squash, residues of 4327
in *Syngonium,* toxicity of 3812
in *Synharmonia,* toxicity of 5254
in *Tachyporus hypnorum,* toxicity of 1502
in tobacco, residues of 3404
insecticidal activity of 4024
resistance to, in
  Agrotis segetum, mechanism of 276
  Myzus humuli, in West Germany 4732
  Pieris brassicae, mechanism of 276
  Tetranychus urticae
    and cross-resistance 4509
    in England 1076
with bromophos-ethyl, against, *Aphis gossypii* 4308
with fenitrothion, against, *Planococcus citri* 3211
with fenitrothion, and oil emulsion, against, *Planococcus citri* 3211

Dimethoate *contd.*
  with fertilisers 1410
  with heptachlor, against, *Tanymecus dilaticollis* 1410
  with malathion, and tetradifon, against, *Planococcus citri* 3211
  with oil emulsion
    against
      Lepidosaphes malicola 4292
      Leucoptera coffeella 3262
      Mycetaspis personata 3759
      Planococcus citri 3211
      Selenaspidus articulatus 2783
  with protein bait
    against
      Ceratitis capitata 4989
      Dacus oleae 4989
    not attractive to parasites 4989
  with terramycin, against, *Aphis fabae* 751
  with trichlorphon, against, leaf-mining moths 1895
Dimethoxon (*see* Omethoate)
Dimethylcarbamates, anticholinesterase and insecticidal activity of 2050
Dimetilan (1-[(dimethylamino)carbonyl]-5-methyl-1*H*-pyrazol-3-yl dimethylcarbamate)
  against, *Dacus oleae* 588
  in papaya, toxicity of 594
  in *Poekilocerus pictus,* effects of 4951
  with diazinon, against, *Dacus oleae* 588
dimidiatus, Carpophilus
dimidiatus, Conotrachelus
dimidiatus, Hepialus, (*Dalaca*)
dimidiatus, Mesochorus
dimidiatus, Rhizophagus
dimidiatus, Rogas
Dimorphopterus, taxonomy of 4992
Dimorphopterus pallipes
  in Japan 1868
  on rice, in Japan 1868
diniana, Zeiraphera, (*Semasia*)
dinianae, Trieces
Dinobuton (1-methylethyl 2-(1-methylpropyl)-4,6-dinitrophenyl carbonate)
  against
    Brevipalpus californicus 5174
    Cenopalpus pulcher 3192
    Oligonychus coffeae 5174
    Tetranychus urticae 1076, 1914, 4455
  in mice, metabolism of 4538
  in *Musca domestica,* metabolism of 4538
  in rats, metabolism of 4538
Dinocap
  against, *Panonychus ulmi* 1899
  deposits of, resistance to rain of 3550
  in entomopathogenic fungi, effects of 4969
  in *Phytoseiulus persimilis,* effects of 2268
  in predatory insects, toxicity of 3578
Dinocap *contd.*
  with azinphos-methyl, and lead arsenat
    in apple orchards, effects on pests a
    predators of 1899
  with azinphos-methyl, and phosalone, i
    apple orchards, effects on pests and
    predators of 1899
  with azinphos-methyl, and phosmet, in apple orchards, effects on pests and
    predators of 1899
  with dicofol, against, *Panonychus ulmi*
    2924
dinoderi, Cerocephala
Dinoderus minutus
  in Philippines 4641
  in USA (Hawaii) 4641
  parasitised by
    Cerocephala aquila, in Hawaii 4641
    C. dinoderi, in Philippines 4641
Dinoseb (2-(1-methylpropyl)-4,6-dinitrophenol)
  determination of 406
  in mice, metabolism of 4538
  in *Musca domestica,* metabolism of 45
  in potato, residues of 2820
  in rats, metabolism of 4538
  with oil emulsion
    against
      Quadraspidiotus perniciosus 5232
      Taphrina deformans 5232
Dinoseb-acetate
  against, *Acyrthosiphon pisum* 4978
  in lucerne-fields, non-target effects of 4978
Dinoseb-ammonium
  against
    Cenopalpus pulcher 3192
    Lepidosaphes ulmi 4462
dinota, Tortrix
Dinoterb acetate (*see* Phenol, 2-(1,1-dimethylethyl)-4,6-dinitro-, acetate (ester))
Diodontus fuscipennis
  Cinara acutirostris in nests of, in Italy 702
  in Italy 702
Dionychopus amasis
  granulosis virus in, in South Africa 29
  in South Africa 2910
  on ornamental plants, in South Africa 2910
Diopsis thoracica
  in Ghana 5099
  on rice, in Ghana 5099
Dioryctria
  on *Pinus echinata*
    damage caused by 4843
    in Georgia (USA) 4843
Dioryctria abietella
  Bergoldiavirus dioryctria in, in USSR 1183
  in Honduras 3264

- ***oryctria abietella*** *contd.*
  - n USSR 1183
  - n *Pinus pseudostrobus,* in Honduras 3264
- ***oryctria abietella*** **auct.** (see *D. abietivorella*)
- ***oryctria abietivorella***
  - ex pheromone of 3036
  - axonomy of, *Dioryctria reniculella* (Grote) as synonym of 2511
- ***oryctria erythropasa***
  - n Honduras 3264
  - n *Pinus oocarpa,* in Honduras 3264
- ***oryctria laricicola***
  - n USSR 4372
  - n *Larix sibirica,* in USSR 4372
- ***oryctria pseudotsugella***
  - n USA 2511
  - axonomy of, characters distinguishing *D. reniculelloides* and 2511
- ***oryctria raoi,*** in Pakistan 2863
- ***oryctria reniculella*** **auct.** (see *D. reniculelloides*)
- ***oryctria reniculella*** **(Grote)**
  - ontrol of, insecticides for 694
  - axonomy of
    - *Dioryctria reniculelloides* misidentified as 2511
    - synonym of *D. abietivorella* 2511
- ***oryctria reniculelloides***
  - p. n., description of 2511
  - ood-plants of 2511
  - n Canada 2511
  - n USA 2511
  - axonomy of, misidentified as *D. reniculella* 2511
- ***oryctria schuetzeella***
  - n West Germany 2511
  - n *Picea abies,* in West Germany 2511
  - axonomy of, characters distinguishing *D. reniculelloides* and 2511
- ***oryctria taedae***
  - p. n., description of 4061
  - n USA 4061
  - n *Pinus taeda*
    - in Delaware 4061
    - in Georgia (USA) 4061
    - in Maryland 4061
    - in North Carolina 4061
    - in South Carolina 4061
    - in Virginia 4061
- ***oryctria zimmermani,*** taxonomy of, *Dioryctria taedae* misidentified as, in USA 4061
- **oscoreaceae,** Dynastidae on, in West Africa 2361
- ***ospyros kaki*** (see Persimmon)
- **-Dioxabicyclo[3.2.1]octane, 1,5-dimethyl-** (frontalin)
  - attractant for
    - *Dendroctonus pseudotsugae* 1539
    - *D. rufipennis* 4848
- **6,8-Dioxabicyclo[3.2.1]octane, 1,5-dimethyl-** *contd.*
  - in *Dendroctonus frontalis* 4576
  - in *Dendroctonus ponderosae* 4576
  - with 2,6,6-trimethylbicyclo[3.1.1]hept-2-ene
    - attractant for
      - *Dendroctonus frontalis* 1955–1956
      - *D. rufipennis* 4848
- **6,8-Dioxabicyclo[3.2.1]octane, 7-ethyl-5-methyl-** (brevicomin)
  - *endo-,* in *Dendroctonus ponderosae* 4576
  - *exo-,* in *Dendroctonus ponderosae* 4576
- **Dioxacarb** (2-(1,3-dioxolan-2-yl)phenyl methylcarbamate)
  - against
    - *Aglaope infausta* 3187
    - *Leptinotarsa decemlineata* 3573
    - *Myzus persicae* 3742
    - Pentatomidae 126
  - determination of 4642
- **Dioxathion** (*S,S*'-1,4-dioxane-2,3-diyl bis(*O,O*-diethyl phosphorodithioate))
  - against
    - *Brevipalpus phoenicis* 2781
    - *Lorryia turrialbensis* 2781
    - *Phyllocoptruta oleivora* 2781
    - *Tetranychus urticae* 4198
    - thrips 1931
  - in orange, residues of 4984
  - in papaya, toxicity of 594
  - with DDT, and toxaphene
    - against
      - *Chilo agamemnon* 4269
      - *Tryporyza incertulas* 4269
    - in rice, toxicity of 4269
- **Dioxins,** in pesticides 2049
- ***Dioxyna sororcula***
  - in Ethiopia 1827
  - on *Guizotia abyssinica,* in Ethiopia 1827
- ***Diparopsis castanea***
  - control of
    - insecticides for 4817
    - sterile-insect release for, computer simulation of 3913
  - in Malawi 2543
  - in Mozambique 4817
  - mating competitiveness in, effects of chemosterilants on 4925
  - on cotton, in Mozambique 4817
  - oviposition in, effects of carbaryl on 4119
  - sex pheromone of 2543
  - sterilisation of, chemosterilants for 4119
- ***Diparopsis watersi***
  - control of, insecticides for 4361, 5236
  - in Cameroon 1393–1394
  - in Chad 210, 1393, 1932, 4922, 4925
  - in Ghana 4361
  - in Ivory Coast 5236
  - in Nigeria 1393

Diparopsis watersi *contd.*
  insecticide susceptibility in, in Chad 4922
  mating competitiveness in, effects of chemosterilants on 4925
  on cotton
    in Chad 210, 4922, 4925
    in Ghana 4361
    in Ivory Coast 5236
    varietal preferences of 210, 4364
  parasitised by
    Carcelia evolans
      in Cameroon 1393–1394
      in Chad 1393
      in Nigeria 1393
  pathogens of 3928
  reproduction in 3508
  sexual attraction in 1932
  sterilisation of, chemosterilants for 4925
  traps for 4925
Dipel (see *Bacillus thuringiensis* var. *kurstaki*)
Diphosphoramide, octamethyl- (*see* Schradan)
Diphosphoric acid, tetraethyl ester (*see* TEPP)
Diplazon
  parasitising
    Brevicoryne brassicae, in Bulgaria 3765
    Syrphidae, in Kenya 4213
Diplazon laetatorius
  hyperparasitising, *Brevicoryne brassicae,* in California 604
  in Bulgaria 3765
  in USA 604
  parasitising
    Brevicoryne brassicae, in Bulgaria 3765
    Syrphidae, in California 604
Diplocolenus
  evolution of 2973
  keys to 2973
Diplocolenus abdominalis
  in Finland 5084
  on rye, in Finland 5084
  on wheat, in Finland 5084
Diplodia gossypina
  in
    Dysdercus cingulatus, transmission of 2372
    Earias vittella, transmission of 2372
    Pectinophora gossypiella, transmission of 2372
Diplopoda, in Poland 2965
diplopterus, Macchiademus
Diprion frutetorum
  in USA 5186
  on *Pinus,* in Illinois 5186
Diprion hercyniae (see *Gilpinia*)
Diprion pini
  Cephalosporium spp. in 833

Diprion pini *contd.*
  haemocytes in 4066
  in France 681
  in West Germany 711, 4841
  on *Pinus*
    in France 681
    in West Germany 711, 4841
  outbreaks of 4841
  population dynamics of 681
Diprion sertifer (see *Neodiprion*)
Diprion similis
  Birdiavirus diprionis in, in USSR 118
  Entomophthora tenthredinis in, in Wisconsin 2441
  gut in, developmental changes in 3449
  haemocytes in 4066
  in USA 2441
  in USSR 1183
Diprionidae, in USSR 2250
Diprioninae, evolution of 3292
dipsacea, Chloridea (see *Heliothis viriplac*
dipsacea, Heliothis (see *H. viriplaca*)
Diptera
  fungi in, in Ghana 3289
  keys to 1263
  malathion in, toxicity of 4011
  pox virus in 3332
  stridulatory organs in 1269
  traps for 4177
Dipterex (*see* Trichlorphon)
Dirhinus giffardii
  parasitising
    Ceratitis capitata 5231
    C. rosa 5231
    Dacus cucurbitae 5231
    D. demmerezi 5231
    Pardalaspis cyanescens 5231
    Tephritidae, and biological control using, in Réunion 5231
dirhodum, Acyrthosiphon
  (*Metapolophium*)
  (*Metopolophium*)
Discestra trifolii
  control of
    insecticides for 3094
    integrated 1831
  in Bulgaria 3094
  in USSR 1831
  on cabbage, in Bulgaria 3094
  on lucerne
    in Bulgaria 3094
    in Turkmenia 1831
  on sugar-beet, in Bulgaria 3094
  on *Trifolium,* in Bulgaria 3094
disciger, Enoplops
discoidalis, Microlestes
discolor, Dysdercus fulvoniger
discolor, Myllocerus
discolor, Myzocallis
discoloratum, Malacosoma incurvum
discus, Peridesmia

- ***isholcaspis bassetti***
  - in Canada 4385
  - on *Quercus macrocarpa*
    - in Ontario 4385
    - insects in galls of 4385
- ***isonycha alternata***
  - biology of 3670
  - in USA 3670
  - on *Salix interior,* in South Dakota 3670
- ***par, Clitostethus***
- ***par, Lymantria***
  - (*Ocneria*)
  - (*Porthetria*)
- ***par, Rhizophagus***
- ***par, Xyleborus,*** (*Anisandrus*)
- ***paris, Phobocampe***
- ***paris, Pimpla,*** (*Coccygomimus*)
- **sparlure** (*see* Oxirane, 2-decyl-3-(5-methylhexyl)-, *cis*-)
- ***ponsi, Lygus***
- ***puncta, Semiothisa signaria***
- ***simulatum, Monalonion***
- ***stria, Malacosoma***
- ***talis, Megalurothrips***
- **stannane, hexamethyl-**
  - gainst, *Popillia japonica* 258
  - ntifeedant for
    - *Phthorimaea operculella* 3370
    - *Spodoptera littoralis* 3370
- ***stantiella theobroma***
  - iology of 3261
  - lefense behaviour in 868
  - lorso-abdominal gland in 868
  - light activity in 5028–5029
  - n Ghana 5013, 5028–5029
  - eproductive organs in 1709
  - ex pheromone of 5013
- ***tinguenda, Empoasca***
- **ulfide, bis(4-chlorophenyl),** with chlorfensulphide, and Neotran, against, *Acarapis woodi* 2659
- **ulfoton** (*O,O*-diethyl *S*-[2-(ethylthio)ethyl] phosphorodithioate)
  - gainst
    - *Adelges nordmannianae* 708
    - *Agevillea abietis* 708
    - *Agrotis ipsilon* 1371
    - *Aphis craccivora* 2812, 3802
    - *A. fabae* 1126
    - *A. frangulae* 1126
    - *A. gossypii* 2367, 3802
    - *A. nasturtii* 1126
    - *Athalia lugens* 2808
    - *Atherigona soccata* 1061, 1063, 1065
    - *Bagrada hilaris* 2808
    - *Cryptorhynchus lapathi* 708
    - *Empoasca fabae* 1495
    - *Eotetranychus hicoriae* 3721
    - *Epilachna varivestis* 3773
    - *Eulecanium* spp. 2699
    - *Hedylepta indicata* 2812
    - *Hyadaphis erysimi* 2808

- **Disulfoton** *contd.*
  - against *contd.*
    - *Hydrellia philippina* 523
    - *Leptinotarsa decemlineata* 1126
    - *Leucoptera coffeella* 2845, 3262
    - *Liriomyza sativae* 1204, 3772
    - *L. trifolii* 5145
    - *Macrosiphum euphorbiae* 206
    - *M. liriodendri* 1963
    - *Melanagromyza* spp. 2812
    - *Monellia* spp. 3721
    - *Myzocallis coryli* 4289
    - *Myzus persicae* 206, 1126, 1495, 5152
    - *Ophiomyia phaseoli* 2812
    - *Ostrinia nubilalis* 131
    - *Perotis lugubris* 1081
    - *Phthorimaea operculella* 1495
    - *Phytomyza horticola* 4335
    - *Psila rosae* 4955
    - *Rhopalosiphum maidis* 1873–1874
    - *Schizaphis graminum* 1873–1874
    - *Tanymecus dilaticollis* 2293
    - *Tetranychus urticae* 2812, 4455, 4919
    - *Tettigella viridis* 708
    - thrips 1931
    - *Thrips tabaci* 1137, 1202, 1495, 1933, 2367, 2835
  - formulations of 2808
  - in coffee, toxicity of 2845
  - in cotton, uptake of 2953
  - in granular formulations, determination of 1784
  - in maize, effects of 131
  - in pea, effects of 5145
  - in *Phaseolus mungo,* toxicity of 2069
  - in *Phaseolus vulgaris*
    - effects of 1117
    - toxicity of 3232
  - in plants, effects on herbicide metabolism of 1218
  - in potato, no ill effects from 5152
  - in soil
    - mobility of 4026
    - persistence of 4027
  - in soy bean, effects of 4339
  - in *Vicia faba,* effects of 5145
  - in wheat, toxicity of 2069
  - resistance to, in, *Myzus humuli,* in West Germany 4732
  - with aldicarb
    - against
      - *Aphis gossypii* 2367
      - *Thrips tabaci* 2367
    - in cotton, toxicity of 2367
  - with *S*-ethyl cyclohexylethylcarbamothioate, in sugar-beet, effects of 4012
  - with *S*-ethyl dipropylcarbamothioate 3773
  - with formothion, in cotton, toxicity of 2367

Disulfoton *contd.*
  with phorate
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
Disyston (*see* Disulfoton)
Dithane (*see* Maneb, with zineb)
Dithane M-45 (*see* Maneb, with zineb)
  inert ingredients of
    against, *Sitophilus granarius* 4492
    with malathion, against, *Sitophilus granarius* 4492
1,2,4-Dithiazol-1-ium, 3,5-bis(dimethylamino)-, sulfate (1:1), sterilant for, *Macrosiphum euphorbiae* 752
1,3-Dithiolane-2-carbohydrazonyl chloride, *N*-(2,4-dichlorophenyl)-2,4-dimethyl-, against, *Tetranychus urticae* 3398
1,3-Dithiolane-2-carboxaldehyde, 2-methyl-, *O*-[(methylamino)carbonyl]oxime, against, *Phyllocoptruta oleivora* 278
1,3-Dithiolo[4,5-*b*]quinoxaline-2-thione (*see* Thioquinox)
1,3-Dithiolo[4,5-*b*]quinoxalin-2-one, 6-methyl- (*see* Quinomethionate)
Ditylenchus, control of, nematicides for 5243
diva, Zygrita
divergens, Mycetobia
diversana, Choristoneura
Diversicrus longulum
  gen. et sp. n., description of 305
  in South Africa 305
  on *Elytropappus rhinocerotis*, in South Africa 305
Diversinervus elegans
  in Israel 4989
  not attracted to bait-sprays 4989
  parasitising, *Saissetia oleae*, in Israel 4989
divisata, Caripeta
dixoni, Drepanosiphum
DMDT (*see* Methoxy-DDT)
DMVP (*see* Phosphoric acid, 2-chloroethenyl dimethyl ester) 2943
DNA (*see* Deoxyribonucleic acids)
DNase (*see* Nuclease, deoxyribo-)
DNBP (*see* Dinoseb)
DNC (2-methyl-4,6-dinitrophenol)
  against
    Adoxophyes orana 559
    Anthonomus pomorum 1209
    Nomadacris septemfasciata 432
  determination of 406
  in predatory insects, toxicity of 3578
  with oil emulsion
    against
      Quadraspidiotus perniciosus 5232
      Taphrina deformans 5232
DNOC (*see* DNC)
Dociostaurus maroccanus
  biology of 4209
  distribution maps for 2180
  in Africa 4209
Docosane, produced by *Heliothis zea*, attractive to *Trichogramma evanescens* 1708
docta, Acaropsis
2,4-Dodecadienethioic acid, 11-methoxy-3,7,11-trimethyl-
  S-ethyl ester, (*E,E*)-
    against
      Planococcus citri 2922
      Schizaphis graminum 2921
2,4-Dodecadienoic acid, 11-methoxy-3,7,11 trimethyl-
  ethyl ester, (*E,E*)-, against, *Planococcus citri* 2922
  1-methylethyl ester, (*E,E*)- (methoprene Altosid; ZR-0515)
    against
      Choristoneura fumiferana 1201
      Ephestia cautella 2873
      Lasioderma serricorne 2873
      Oryzaephilus mercator 2873
      O. surinamensis 2873
      Plodia interpunctella 2873
      Rhyzopertha dominica 2873
      Tribolium castaneum 2873
      T. confusum 2873
    in *Solenopsis invicta*, effects of 4687
  2-propynyl ester, (*E,E*)-, against, *Schizaphis graminum* 2921
2,4-Dodecadienoic acid, 3,7,11-trimethyl-
  ethyl ester
    in *Galleria mellonella*, JH activity an metabolic stability of 1290
    in *Tenebrio molitor*, morphogenetic effects of 2957
    in *Thermobia domestica*, effects of 2127
    with ecdysterone, in *Tenebrio molito* morphogenetic effects of 2957
  ethyl ester, (*E,E*)- (hydroprene; Altoza ZR-0512)
    against
      Acyrthosiphon pisum 1588
      Amphorophora agathonica 1588
      Ephestia cautella 2873
      Hyadaphis erysimi 1588
      Macrosiphum euphorbiae 2035
      Myzus persicae 1205
      Planococcus citri 2922
      Plodia interpunctella 2873
      Rhyzopertha dominica 2873
      Sitophilus granarius 2873
      S. oryzae 2873
      Tribolium castaneum 2873
      T. confusum 2873
      Trogoderma granarium 2873
      T. variabile 2873

4-Dodecadienoic acid, 3,7,11-trimethyl- *contd.*
  ethyl ester, (*E,E*)- *contd.*
    in *Solenopsis invicta,* effects of 4687
  2-propynyl ester, (*E,E*)-
    against
      Planococcus citri 2922
      Schizaphis graminum 2921
9-Dodecadien-1-ol
  acetate, (*Z,E*)-
    attractant for, *Lobesia botrana* 5014
    Lobesia botrana sex pheromone 5014
10-Dodecadien-1-ol
  (*E,E*)-
    attractant for, *Cydia pomonella* 1463, 1468, 3566, 4653
    Cydia pomonella sex pheromone 1468
11-Dodecadien-1-ol, acetate, (*E*)-, *Diparopsis castanea* sex pheromone 2543
odecane, 1-methoxy-
  in *Tenebrio molitor,* morphogenetic effects of 2957
  with ecdysterone, in *Tenebrio molitor,* morphogenetic effects of 2957
odecanoic acid, in aphid cornicle secretions 1295
Dodecanol
  synergist for
    Cydia molesta sex pheromone 2200, 2542
    Pectinophora gossypiella sex pheromone 4591

decastigma, Epilachna
,6,10-Dodecatetraene, 3,7,11-trimethyl-
  (*E,E*)-
    Cydia pomonella oviposition stimulant 2574
    C. pomonella responses to 4923
  (*E,Z*)-, *Cydia pomonella* responses to 4923
  (*Z,E*)-
    Cydia pomonella oviposition stimulant 2574
    C. pomonella responses to 4923
  (*Z,Z*)-, *Cydia pomonella* responses to 4923
,10-Dodecatriene, 7,11-dimethyl-3-methylene-
  (*E*)-, *Cydia pomonella* responses to 4923
  (*Z*)-, *Cydia pomonella* responses to 4923
,10-Dodecatriene, 1-methoxy-3,7,11-trimethyl-, in *Malacosoma californicum,* effects of 1304
  in *Cydia pomonella,* effects of 3472
,10-Dodecatriene, 2,6,10-trimethyl-
  (*E,*?)-, attractant for, *Nasutitermes exitiosus* 3140
  (*Z,*?)-, attractant for, *Nasutitermes exitiosus* 3140
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-
  juvenile hormone activity related to structure of 2562
  (*E,E*)-, in *Drosophila melanogaster,* effects of 2131
2-Dodecenoic acid, 11-chloro-3,7,11-trimethyl-
  methyl ester
    in *Galleria mellonella,* effects on development of 1721
    with ecdysterone, in *Galleria mellonella,* effects on development of 1721
2-Dodecenoic acid, 7,11-dichloro-3,7,11-trimethyl-
  in *Musca domestica,* effects on embryogenesis of 1717
  in *Pyrrhocoris apterus,* effects on embryogenesis of 1717
  in *Thermobia domestica,* effects on embryogenesis of 1717
  ethyl ester
    in *Drosophila melanogaster,* effects of 2131
    in *Eurygaster integriceps,* effects of 2916
    juvenile hormone activity related to structure of 2562
  methyl ester
    in *Pyrrhocoris apterus,* effects on haemolymph esterases of 1729
    in *Tenebrio molitor,* not affecting cuticle amino acids 339
    juvenile hormone activity of, with, *Adoxophyes orana* 2561
2-Dodecenoic acid, 3,7,11-trimethyl-
  ethyl ester
    in *Ephestia cautella,* effects of 2043
    in *Heliothis armigera,* effects of 2043
    in *Sitophilus zeamais,* effects of 2043
11-Dodecen-1-ol, acetate, (*E*)-, *Diparopsis castanea* sex pheromone 2543
5-Dodecen-1-ol, acetate, (*Z*)-, attractant for, *Autoplusia egena* 341
7-Dodecen-1-ol
  acetate, (*Z*)-
    attractant for
      Pseudoplusia includens 1693
      Trichoplusia ni 3962, 5044
    Autoplusia egena not attracted to 341
    formulations of 2011
    in *Trichoplusia ni,* perception of 38
    Pseudoplusia includens responses to 4132
    Trichoplusia ni responses to 3526, 4132, 4134
    T. ni sex pheromone 2011
    T. oxygramma responses to 4132

8-Dodecen-1-ol
  (*E*)-, synergist for, *Cydia molesta* sex pheromone 2200
  (*Z*)-, inhibiter of *Cydia molesta* response to sex pheromone 2200
  acetate, (*E*)-, synergist for, *Cydia molesta* sex pheromone 2542
  acetate, (*Z*)-
    attractant for, *Cydia molesta* 2542, 4158
    Cydia molesta responses to, inhibitors of 2200
    C. molesta sex pheromone, synergists for 2200
    synergists for 2542
9-Dodecen-1-ol
  acetate, (*E*)-, *Diparopsis castanea* sex pheromone 2543
  acetate, (*Z*)-
    attractant for
      Episimus argutanus 3186
      Paralobesia viteana 4659
    Paralobesia viteana sex pheromone 3186, 4659
Dodine (*see* Guanidine, dodecyl-, monoacetate)
  3744
Dog biscuits, diet component for, *Rhyzopertha dominica* 86
Dogs (*Canis familiaris*)
  fensulfothion in, toxicity of 5255
  photodieldrin in, toxicity of 3617
  pyrethrins in, effects of 2071
Dogwood (see *Cornus florida*)
dohrnii, Fenusa
dolichi, Empoasca
Dolichoderinae, alarm pheromones in 2996
Dolichoderus quadripunctatus, reproduction in, effects of γ-irradiation on 2550
Dolichopodidae
  in Afghanistan 401
  preyed on by, *Perithemis seminole,* in Florida 3654
  preying on, cotton pests, in Ivory Coast 2373
***Dolichos biflorus* (stored seeds),** *Trogoderma granarium* in, development of 1551
Dolichos lablab
  Aphis craccivora on, in Madras 1846
  Heliothis armigera on, in Mysore 3125
  Melanagromyza spp. on, in Sudan 992
***Dolichos lablab* flour,** *Tribolium castaneum* in 2124
Dolichos sesquipedalis
  Aphis craccivora on, in Taiwan 2812
  Hedylepta indicata on, in Taiwan 2812
  Melanagromyza spp. on, in Taiwan 2812
  Ophiomyia phaseoli on, in Taiwan 2812
  Tetranychus urticae on, in Taiwan 2812
dolichos, Spodoptera
dolobrata, Leptopterna
Dolomite, in insecticidal dusts 2935
Dolycoris baccarum
  biology of 3504
  in Bulgaria 2279
  in Norway 3504
  on *Chrysanthemum leucanthemum,* in Norway 3504
  on *Convallaria majalis,* in Norway 3504
  on medicinal plants, in Bulgaria 2279
  on raspberry, in Norway 3504
  on strawberry, in Norway 3504
  on tomato, in Norway 3504
domestica, Musca
domestica, Thermobia
domesticum, Trypodendron, (*Xyloterus*)
domesticus, Acheta, (*Gryllus*)
domesticus, Glycyphagus
domesticus, Sclerodermus
Dominica, *Solanasca dominica* in, on *Caric* *papaya* 2091
dominica, Rhyzopertha
dominica, Solanasca
Dopamine (*see* Benzeneethanamine, 3,4-dihydroxy-)
Dorilas cruciator
  development in 454
  parasitising, *Nephotettix cincticeps* 454
Dorilas orientalis
  development in 454
  parasitising, *Nephotettix cincticeps* 454
Dorilas tsuboii
  development in 454
  parasitising, *Nephotettix cincticeps* 454
doronici, Aulacorthum solani
dorothea, Blepharida
dorsalis, Acarapis
dorsalis, Adelognathus
dorsalis, Dacus
dorsalis, Recilia, (*Inazuma*)
dorsata, Aphis
dorsatus, Amblyseius, (*Proprioseiopsis*)
Dothichiza, in, *Populus,* in Italy 3818
dothioensis, Dialeurodes
Dotriacontane, attractant for, *Acyrthosip* *pisum* 3420
doublieri, Harmonia
Dove (see *Stigmatopelia*)
Downy mildew of lettuce (see *Bremia lactucae*)
Draeculacephala
  Acholeplasma spp. in, multiplication of 3869
  Spiroplasma citri in, multiplication of 3869
Draeculacephala crassicornis, control of, juvenile hormone analogues for 4986
Drainage
  of rice-fields
    effects on incidence of gall midge 3
    to control bloodworms 2295, 4748
    to control rice-field fly 4748
  of spruce forests, effects on developmen of Lachnids 3821

repanosiphum, keys to 849
repanosiphum dixoni
  sp. n., description of 849
  fecundity in 366
  in Netherlands 849
  in UK 849
  in Yugoslavia 849
  on *Acer campestre*
    in Netherlands 849
    in UK 849
    in Yugoslavia 849
repanosiphum platanoides
  flight activity in 4186
  in UK 4186
  traps for 4186
repanosiphum platanoides iranicum
  subsp. n., description of 849
  in Iran 849
  on *Acer cappadocicum,* in Iran 849
ewseni, Ibalia
reyfusia (see *Adelges*)
reyfusia nuesslini (see *Adelges nordmannianae*)
reyfusia piceae (see *Adelges*)
ri-Die (*see* Silica gel, with diammonium hexafluorosilicate(2–))
omedarius, Notodonta
rosophila
  courtship behaviour in 3600
  experimental systematics and ecology of 905
  in Finland 4030
  in maltings, in UK 4858
  insecticide bioassay using 4798
  iota virus in, effects of 2552
  oviposition in 1789
  P virus in, effects of 2552
  sigma virus in, effects of 2552
rosophila busckii, on mushrooms 2276
rosophila melanogaster
  antigenic properties of 3624
  attraction of, effects of mutagens on 3470
  bioassay for insecticides using 4174
  carbon-dioxide anaesthesia of, effects of 1603, 2116
  cecropia C_{18} hormone in, metabolism of 3473
  control of
    insecticides for 2933, 3996, 4959
    sterile-insect release for 2138
  courtship in 1322
  development in
    effects of aflatoxin on 329
    effects of juvenile hormone analogues on 2131
  diazinon susceptibility in, in white-eyed mutants 1617
  dieldrin susceptibility in, in white-eyed mutants 1617
  eggs of, retained in virgin females 2555
  eyes in, in A-type visual mutant 901

Drosophila melanogaster *contd.*
  fat-body in, protein accumulation in 340
  fecundity in 2556, 2558
  fungal extracts in, toxicity of 4244
  in France 3320
  insecticides in, effects of 3997
  parasites of, defence mechanisms against 3364
  rhythms in 1335
  sigma virus in
    effects of actinomycin D on 2467
    effects of mitomycin C on 2467
    in France 3320
  sterilisation of, mutagens for 2138
  trichlorphon in, effects of 4529
  virus-like particles in 2434, 3343
Drosophila paulistorum, mycoplasma-like organisms in 3896
Drosophila phalerata, on mushrooms 2276
Drosophila pseudoobscura, crystalline inclusions in 245
Drosophila virilis, virus-like particles in 2908
drosophilae, Spalangia
Drosophilidae
  on mushrooms, in Hungary 5074
  traps for 4176
drummondi, Pseudobryobia
Dryocosmus kuriphilus
  in South Korea 109
  parasitised by, *Eudecatoma variegata,* in South Korea 109
dryope, Eurytela
DS-15647 (*see* 2-Butanone, 3,3-dimethyl-1-(methylthio)-, *O*-[(methylamino)carbonyl-]oxime)
  3263
  4816
Du-Ter (*see* Fentin hydroxide)
dubia, Lissonota
dubia, Orygia
dubia, Schizaphis
dudleyi, Cryptotermes
Dundubia rufivena
  control of
    insecticides for 3809
    traps for 3809
  in Malaysia 3809
  on cacao, in Malaysia 3809
Duplitox (*see* BHC (γ-isomer), with DDT)
DuPont Spreader Sticker, surfactant for benomyl formulations 4000
DuPont 1410 (*see* Ethanimidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester)
  1147
DuPont 1642 (*see* Ethanimidothioic acid, *N*-[(aminocarbonyl)oxy]-, methyl ester)
  2848
Duranta plumieri, Agistemus exsertus on, in Egypt 540

Dursban (*O,O*-diethyl *O*-(3,5,6-trichloro-2-pyridinyl) phosphorothioate)
  against
    Acarus siro 1606
    Agrotis spp. 4447
    A. ipsilon 4448, 4456
    Blissus insularis 2304
    Euxoa detersa 3691
    E. messoria 3348, 4920
    Folsomia candida 1626
    Glycyphagus destructor 1606
    grasshoppers 3632
    Hylemya brassicae 4804
    H. platura 3227
    Hypera postica 1197
    Hyperodes humilis 1041
    Liriomyza sativae 3772
    mole-crickets 2249
    pests of rice 4263
    Pissodes strobi 3999
    Polyphylla spp. 4447
    Scutigerella immaculata 4007
    Spodoptera littoralis 3253, 3800
    Tyrophagus putrescentiae 1606
  in *Chlamydotheca arcuata*, toxicity of 4022
  in *Cyprinotus incongruens*, toxicity of 4022
  in entomopathogenic fungi, effects of 4969
  in soil, persistence of 1626
  in *Stethorus punctum*, toxicity of 2932
  with captan, in *Phaseolus lunatus*, toxicity of 3227
  with thiram, in *Phaseolus lunatus*, toxicity of 3227
Dutch elm disease (see also *Ceratocystis ulmi*)
  in UK 2392
dux*, *Cerambyx
Dwellings, *Minthea rugicollis* in, in Japan 2424
Dyfonate (*O*-ethyl *S*-phenyl ethylphosphonodithioate)
  against
    Blissus insularis 2304
    Ctenicera aeripennis 1920
    Drosophila melanogaster 4959
    Epitrix tuberis 2818
    Euxoa detersa 3691
    Hylemya antiqua 1922
    H. brassicae 3778, 4804
    Limonius californicus 1920
    Scutigerella immaculata 4007
    Spodoptera littoralis 763
  in plants
    effects of herbicides on metabolism of 1219
    effects on herbicide metabolism of 1218
  in potato, residues of 2818
  in soil, residues of 1643, 4023
Dyfonate *contd.*
  in swede, toxicity of 4804
  synergists for, atrazine as 4959
Dylox (*see* Trichlorphon)
Dynaspidiotus regius, descriptions of 2972
Dynastes gideon
  in India 133
  on *Eleusine coracana*, in Uttar Pradesh 133
  on *Setaria italica*, in Uttar Pradesh 133
  parasitised by, *Caloglyphus* spp., in Uttar Pradesh 133
Dynastidae, on yam, in West Africa 2361
Dyrene (*see* 1,3,5-Triazin-2-amine, 4,6-dichloro-*N*-(2-chlorophenyl)-) 3744
Dysaphis crataegi
  cucumber mosaic virus in, transmission o 3306
  in USSR 1110
  on carrot, in Turkmenia 1110
  pea mosaic virus in, transmission of 3306
  turnip mosaic virus in, transmission of 3306
  watermelon mosaic virus in, transmission of 735
Dysaphis plantaginea
  control of 556
    insecticides for 2455
  fundatrix factor in 1288
  in Italy 3538
  in Poland 462
  on apple
    assessing infestations of 3538
    in Italy 3538
  preyed on by
    Allothrombium fuliginosum, in Italy 3538
    Syrphidae, in Poland 462
Dysaulacorthum antherrinii (see *Aulacorthum*)
Dysdercus
  control of, insecticides for 1940, 4361, 5236
  on cotton
    in Ethiopia 1827
    in Ghana 4361
    in Tanzania 1940
Dysdercus cingulatus
  biology of 4350
  control of, juvenile hormone analogues fo 1720, 4522
  Diplodia gossypina in, transmission of 2372
  embryonic development in 872
  in Philippines 4350
  juvenile hormone analogues in, effects of 1605
  on *Ceiba pentandra*, in Philippines 435
  on *Corchorus acutangulus*, in Philippines 4350

sdercus cingulatus *contd.*
  n cotton, in Philippines 4350
  n *Hibiscus cannabinus,* in Philippines 4350
  n *Hibiscus esculentus,* in Philippines 4350
  arasitised by, *Hemipteroseius* spp., in Philippines 4350
  eproductive abnormalities in 4585
  terilisation of, chemosterilants for 4608
  itellogenesis in, effects of removal of neurosecretory cells on 1302
  vater relations of 4633
sdercus discolor (see *D. fulvoniger discolor*)
sdercus fasciatus
  nzymes in 1292
  uvenile hormone analogues in, activity of 2562
  utrition of 3001
  earing of, techniques for 4169
  eproductive behaviour in 4128
sdercus fulvoniger
  eproductive abnormalities in 4585
  ater uptake in, effects of plant substances on 5261
sdercus fulvoniger discolor, reproductive abnormalities in 4585
sdercus intermedius
  ggregation in 4138
  attern reconstitution in 4579
sdercus koenigii, water uptake in, effects of plant substances on 5261
sdercus longirostris
  n Brazil 2843
  n cacao, in Brazil 2843
sdercus megalopygus (see *D. cingulatus*)
sdercus voelkeri
  ontrol of, insecticides for 1521, 3616
  n Central African Republic 1521, 3616
  n cotton, in Central African Republic 1521, 3616
  ater uptake in, effects of plant substances on 5261
smicoccus brevipes
  n Angola 860
  n Cook Islands 2228
  n Easter Island 2253
  n *Elaeis guineënsis,* in Angola 860
  n pineapple
    in Angola 860
    in Cook Islands 2228
    in Easter Island 2253
orphnaea, Catopyla
spessa ulula, in Bulgaria 1457
ox 5
  gainst
    Earias insulana 4810
    Pectinophora gossypiella 4810
ox 8
  gainst
    Agrotis ipsilon 2837

Dytox 8 *contd.*
  against *contd.*
    Aphis gossypii 3798
    Earias insulana 4810
    Pectinophora gossypiella 4810
E-11-4 (*see* Phosphoramidothioic acid, [2-[(diethoxyphosphinothioyl)thio]ethyl]-, *O,O*-diethyl ester)
E-605 forte (*see* Parathion)
Eagle, bald (see *Haliaeetus leucocephalus*)
Earias
  control of, insecticides for 1140
  in Tanzania 4812
  on cotton, in Rajasthan 1140
Earias biplaga
  control of, insecticides for 1940
  in Chad 210
  in Tanzania 1940, 4812
  on cotton
    in Chad 210
    in Tanzania 1940, 4812
    varietal preferences of 210
  on *Waltheria indica,* in Tanzania 4812
Earias cupreoviridis
  in China 2831
  in Tanzania 4812
  on cotton, in China 2831
  on *Sida,* in Tanzania 4812
Earias fabia (see *E. vittella*)
Earias insulana
  amino acids in 877
  biology of 1503, 5165
  control of
    antifeedants for 2829
    insecticides for 1138, 1607, 2830, 3259, 3785, 3787, 3789, 3797, 4358, 4810, 5169
  food-plants of 4191
  in Chad 210
  in China 2831
  in Egypt 211, 642, 1138, 1503, 3680, 3787–3788, 3797, 4191, 4810, 5169
  in India 3259, 3785, 3789, 4358
  in Iran 4360
  in Sudan 2365, 2830, 3247
  in Tanzania 4812
  on *Abutilon,* in Tanzania 4812
  on cotton
    damage caused by 3788
    in Chad 210
    in China 2831
    in Egypt 211, 642, 1138, 1503, 3787–3788, 3797, 4810, 5169
    in Haryana 3259, 3785
    in Iran 4360
    in Madras 4358
    in Rajasthan 3789
    in Sudan 2365, 2830, 3247
    in Tanzania 4812
    varietal preferences of 210–211, 642
  on *Hibiscus* 2829
  on maize, in Egypt 3680

Earias insulana *contd.*
- parasitised by, *Apanteles* spp., in Rajasthan 3789
- pathogens of 3928
- rearing of
  - diets for 1141
  - techniques for 2196

Earias insulana anthophilana 5165
Earias insulana ochreimargo 5165
Earias insulana semifascia 5165
Earias vittella
- control of, insecticides for 2370, 3259, 3785, 3789, 4358
- development in 4618
- *Diplodia gossypina* in, transmission of 2372
- in Cambodia 2370
- in China 2831
- in India 3220, 3259, 3785, 3789, 4358
- on cotton
  - in Cambodia 2370
  - in China 2831
  - in Haryana 3259, 3785
  - in Madras 4358
  - in Rajasthan 3789
- on *Hibiscus esculentus*
  - effects of plant nutrition on 3220
  - in Kerala 3220
- parasitised by, *Apanteles* spp., in Rajasthan 3789
- rearing of, techniques for 2196

earlii, Dendroblax
East Germany (*see* German Democratic Republic)
Easter Island
- Coccoidea in 2253
- *Dacus tryoni* in 2456
- insects in 2254

Eastern X-disease (*see* Peach X-disease)
eastopi, Diclidophlebia
E.C. 1.1.1.27 (*see* Dehydrogenase, lactate)
E.C. 1.1.1.49 (*see* Dehydrogenase, glucose-6-phosphate)
E.C. 1.1.99.5 (*see* Dehydrogenase, glycerol-3-phosphate)
E.C. 1.2.1.37 (*see* Dehydrogenase, xanthine)
E.C. 1.3.99.1 (*see* Dehydrogenase, succinate)
E.C. 1.4.3.4 (*see* Oxidase, amine (flavin-containing))
E.C. 1.5.1.3 (*see* Dehydrogenase, tetrahydrofolate)
E.C. 1.7.3.3 (*see* Oxidase, urate)
E.C. 1.11.1.6 (*see* Catalase)
E.C. 1.11.1.7 (*see* Peroxidase)
E.C. 1.14.1.2 (*see* E.C. 1.14.13.9)
E.C. 1.14.13.9 (*see* Oxygenase, kynurenine 3-mono-)
E.C. 1.14.14.1 (*see* Oxygenase, aryl 4-mono-)

E.C. 1.14.18.1 (*see* Oxygenase, monophenol mono-)
E.C. 1.99.1.5 (*see* E.C. 1.14.13.9)
E.C. 2.5.1.12 (*see* Alkyltransferase, glutathione *S*-)
E.C. 2.6.1.1 (*see* Aminotransferase, aspartate)
E.C. 2.6.1.2 (*see* Aminotransferase, alanine
E.C. 2.7.7.6 (*see* Nucleotidyltransferase, ribonucleate)
E.C. 3.1.1.1 (*see* Esterase, carboxyl)
E.C. 3.1.1.3 (*see* Lipase, triacylglycerol)
E.C. 3.1.1.7 (*see* Esterase, acetyl choline)
E.C. 3.1.1.8 (*see* Esterase, choline)
E.C. 3.1.1.14 (*see* Chlorophyllase)
E.C. 3.1.1.23 (*see* Lipase, monoacylglycerol
E.C. 3.1.1.34 (*see* Lipase, diacylglycerol)
E.C. 3.1.3.1 (*see* Phosphatase, alkaline)
E.C. 3.1.3.31 (*see* Nucleotidase)
E.C. 3.1.4.17 (*see* Phosphodiesterase, adenosine cyclic 3′,5′-phosphate)
E.C. 3.1.4.22 (*see* Nuclease, hybrid ribo-)
E.C. 3.1.5.5 (*see* Nuclease, deoxyribo-)
E.C. 3.2.1.1 (*see* Amylase, α-)
E.C. 3.2.1.2 (*see* Amylase, β-)
E.C. 3.2.1.14 (*see* Chitinase)
E.C. 3.2.1.15 (*see* Polygalacturonase)
E.C. 3.2.1.20 (*see* Glucosidase, α-)
E.C. 3.2.1.26 (*see* Fructofuranosidase, β-)
E.C. 3.5.3.6 (*see* Deiminase, arginine)
E.C. 3.6.1.3 (*see* Phosphatase, adenosine tr

Ecdysone (*see* Cholest-7-en-6-one, 2,3,14,22,25-pentahydroxy-, (2β,3β,5β,22*R*)-)
α-Ecdysone (*see* Cholest-7-en-6-one, 2,3,14,22,25-pentahydroxy-, (2β,3β,5β,22*R*)-)
Ecdysone, 20-hydroxy- (*see* Cholest-7-en-6-one, 2,3,14,20,22,25-hexahydroxy-, (2β,3β,5β,22*R*)-)
Ecdysone, 26-hydroxy- (*see* Cholest-7-en-6-one, 2,3,14,22,25,26-hexahydroxy-, (2β,3β,5β,22*R*)-)
β-Ecdysone (*see* Cholest-7-en-6-one, 2,3,14,20,22,25-hexahydroxy-, (2β,3β,5β,22*R*)-)
Ecdysones (*see* Moulting hormones)
Ecdysterone (*see* Cholest-7-en-6-one, 2,3,14,20,22,25-hexahydroxy-, (2β,3β,5β,22*R*)-)
echinatior, Acromyrmex octospinosus
echinocacti, Diaspis
Echinochloa colonum, *Spodoptera compta* on 5095
echinopus, Rhizoglyphus
echthromorpha, Mashhoodiella
Eclosion hormones
- in *Antheraea pernyi* 2534–2535
- in *Hyalophora cecropia* 2534
- in *Manduca sexta* 2563
- in *Telea polyphemus* 2534

Ecosystems, manipulation of 3378
Ecpantheria icasia, in Virgin Islands 414

phoropsis perdistinctus, taxonomy of,
  parasite of *Heliothis armigera* in India
  misidentified as 3124
tomyelois ceratoniae
  n Spain 4311
  n *Citrus,* in Spain 4311
tophasia crassipennis
  n Hungary 3644
  arasitising, *Eurygaster maura,* in
    Hungary 3644
tropis, on coffee, in New Guinea 4144
s, Tetrastichus
/CT (*see* Ethane, 1,2-dichloro-, with
  tetrachloromethane)
andsii, Vitula
vardsiana avellanae
  n Italy 2318
  n hazel, in Italy 2318
vardsiana hippocastani
  n Italy 2318
  n hazel, in Italy 2318
vardsiana spinigera
  n Italy 2318
  n hazel, in Italy 2318
vardsiana staminata
  n Italy 2318
  n hazel, in Italy 2318
lis, Syndesmogenus
na, Autoplusia
nus, Meligethes
plant (*Solanum melongena*)
  cyrthosiphon pisum on, in Bulgaria
    1916
  gistemus exsertus on, in Egypt 540
  emisia tabaci on, in Sudan 939
  ryptoblabes gnidiella on, in Egypt 4609
  uzophera osseatella on, in Egypt 632,
    1132
  achnosterna consanguinea on 4189
  eptinotarsa decemlineata on, in Italy
    1496
  yllocerus undecimpustulatus on, in
    Rajasthan 1416
  arathion in, residues of 2954
  ests of, in Turkey 4443
  hthorimaea operculella on, in Egypt
    1923
  etranychus urticae on, in Brazil 1500
s, carbaryl in, residues of 1648
pt
  ceria mangiferae in, on mango 2342,
    2789
  . sheldoni in, on *Citrus* 972
  chroia grisella in, in bee hives 4397
  cyrthosiphon pisum in 311
  . sesbaniae in, on *Vicia faba* 311
  egyptobia salixi in, on *Salix* 92
  . sayedi in, on *Cupressus* 92
  . tragardhi in, on *Thuja* 92
  gistemus exsertus in 540
  grotis ipsilon in 1768, 4135
    natural enemies of 1385

Egypt *contd.*
  Agrotis ipsilon in *contd.*
    on cotton 2837, 5106
    on *Trifolium* 5106
  Aleyrodes proletella in, natural enemies of
    3767
  Aleyrodidae in 3
  Anacanthotermes ochraceus in 3862
  Anadiasa undata in, on *Acacia* 217
  Anoetidae in, natural enemies of 1007
  Aonidiella aurantii in
    on *Citrus* 3746, 3752
    on orange 1474
  Aphis craccivora in
    on cotton 3248, 3802–3803
    on *Vicia faba* 3763, 4140, 4331
    on *Vigna unguiculata* 3774, 4140
  A. gossypii in
    on cotton 2366–2367, 3248, 3250,
      3798, 3802–3803
    on squash 3771
  A. nerii in 1765
  Asterolecanium pustulans in
    natural enemies of 3647
    on fig 3178
    on peach 3178
  Bemisia tabaci in
    natural enemies of 1003
    on potato 1526
    on squash 3771
    on tomato 1131
  Brevipalpus californicus in
    on *Citrus* 948
    on guava 1107
  B. phoenicis in, on *Citrus* 906
  Bruchidius incarnatus in 3303
  Cenopalpus pulcher in, on quince 2469
  Ceroplastes floridensis in
    natural enemies of 3647
    on orange 1474
  C. rusci in, natural enemies of 3647
  Cheyletidae in 964
  Chilo agamemnon in 4063
    natural enemies of 3513, 3648
    on maize 1071
    on rice 1422–1424, 1449, 2294, 4269
    on sugar-cane 3151, 3675
  C. luteellus in 4063
  Chironomus spp. in, on rice 2295,
    2728–2729, 4748
  Chrysomphalus aonidum in
    natural enemies of 3647
    on *Citrus* 583, 1474
  Coleoptera in, on cotton 4357
  Cryptoblabes gnidiella in 4609
    natural enemies of 3648
  Dacus oleae in, on olive 1907, 3215
  Danaus chrysippus in, natural enemies of
    3144
  date palm in, soil arthropods associated
    with 1453
  Earias insulana in 4191

Egypt *contd.*
 Earias insulana in *contd.*
  on cotton 211, 642, 1138, 1503, 3787–3788, 3797, 4810, 5169
  on maize 3680
 Empoasca spp. in
  on cotton 1518, 3245
  on tomato 1131
 E. decipiens in, on *Vigna unguiculata* 3774
 E. fabae in, on potato 1495, 1526
 Ephydra macellaria in, on rice 2728, 4748
 Eriophyidae in 1337
 Eutetranychus orientalis in
  natural enemies of 3119
  on *Citrus* 583, 972
  on guava 1107
 Euzophera osseatella in, on *Solanum melongena* 632, 1132
 Gynaikothrips ficorum in
  natural enemies of 4060
  on fig 4060
 Hemiberlesia lataniae in 3179
 honey bees in, natural enemies of 4210–4211
 Hyalopterus pruni in 1893–1894
 Hydrellia spp. in, on rice 1449, 2735
 Insulaspis tapleyi in
  on guava 4319
  on mango 4319
 Kilifia acuminata in, on mango 593, 1477
 Labidura riparia in 5061
 leaf-mining Diptera in 1375
 Lepidosaphes beckii in
  on *Citrus* 583, 1474
  on guava 1107
 Liriomyza bryoniae in, on sweet melon 3929
 L. congesta in, on *Vicia faba* 3228
 L. trifolii in, on *Vigna unguiculata* 3774
 Microcerotermes eugnathus in 4146
 mites in 990
  on *Citrus* 1098, 2784
  on field crops 3433
  on fig 2841
  on fruit trees 558, 3724
 Mycetaspis personata in
  on *Ficus nitida* 2765
  on mango 3759
 Mythimna loreyi in
  on maize 2705
  on sugar-cane 2705
 Myzus persicae in
  on potato 1495, 1526
  on tomato 1131
 nematodes in, in insects 1382
 nocturnal insects in 63, 376–377, 1326–1327
 Oligonychus mangiferus in 3018
  on mango 2342, 2789

Egypt *contd.*
 Ophiomyia phaseoli in, on bean 3929
 Orgyia dubia in, natural enemies of 13
 ornamental plants in, pests of 2847
 Ostrinia nubilalis in
  natural enemies of 3513, 3648
  on maize 1071
 Parasaissetia nigra in, on guava 1107
 Parlatoria blanchardii in
  natural enemies of 1383
  on date palm 2765, 5113
 P. oleae in, natural enemies of 3647
 Pauropsylla trichaeta in, on *Ficus sycomorus* 4305
 Pectinophora gossypiella in
  natural enemies of 1381
  on cotton 211, 641–642, 1138, 1503, 3787, 3797, 4810, 5169
 Pegomya betae in, on sugar-beet 3929
 P. mixta in
  natural enemies of 1493
  on sugar-beet 1491–1493
 Phthorimaea operculella in
  on potato 1495, 1526, 2819, 3238
  on *Solanum melongena* 1923
  on tomato 1131, 1923
 Phyllocoptruta oleivora in
  natural enemies of 2782
  on *Citrus* 972, 2782
 Phytoseiidae in 848
 Plusia chalcites in, on tomato 3092
 Psammotermes fuscofemoralis in 3862
 Psyllidae in 4038
 Pyroderces simplex in
  natural enemies of 129, 3648
  on maize 129
 Rhopalosiphum maidis in, natural enen of 3648
 Saccharicoccus sacchari in, on sugar-ca 2706
 Schistocerca gregaria in 1364
 Sesamia cretica in
  natural enemies of 3513
  on maize 1071
  on sugar-cane 1864, 3151, 3675
 Sitophilus oryzae in 4401
 Spinibdella bifurcata in 1380
 Spodoptera exigua in 1768
 S. littoralis in 1372, 1768
  natural enemies of 3513, 3648
  on cotton 648, 1930, 2833, 3244, 32 3800, 5168
  on sweet potato 3777
  on *Trifolium* 645, 648, 1072, 1882, 4764
 stored grain in, insect damage to 4404
 Tenebroides mauritanicus in 4401
 Tenuipalpidae in
  natural enemies of 1891
  on fruit trees 1891
 Tenuipalpus punicae in, on pomegranat 1908

- **ypt** *contd.*
  - *Tetranychus* spp. in, natural enemies of 3648
  - *T. arabicus* in
    - on squash 3771
    - on *Vigna unguiculata* 3774
  - *T. cinnabarinus* in, on squash 3771
  - *T. neocaledonicus* in, on *Citrus* 960
  - *T. urticae* in, on cotton 3797
  - thrips in, on cotton 4354
  - *Thrips tabaci* in
    - on cotton 1137, 1517, 1933, 2366–2367, 3249, 3801, 4355–4356
    - on potato 1495, 1526
    - on squash 3771
    - on tomato 1131
  - *Tryporyza incertulas* in, on rice 1422–1424, 1449, 4269
  - *Typhlodromus tetramedius* in 4
  - *Vasates mangiferae* in, on mango 2342, 2789
  - *Vespa orientalis* in 4210
  - *Virachola livia* in
    - natural enemies of 2787
    - on pomegranate 2787
- **-47470** (*see* Phosphoramidic acid, (4-methyl-1,3-dithiolan-2-ylidene)-, diethyl ester)
  - 524
- ***chhornia crassipes,*** *Zonocerus variegatus* on, in Sudan 4243
- ***phosoma,*** parasitising, *Spodoptera frugiperda,* in Venezuela 1010
- **atin** (*see* Thiometon)
- **atin A** (*see* Thiometon)
- ***ebergia senegalensis,*** *Bunaea alcinoe* on, in Nigeria 3283
- **Salvador**
  - *Alabama argillacea* in, on cotton 4502
  - *Anthonomus grandis* in, on cotton 4502
  - *Citrus* in, pest control on 2757
  - cowpea mosaic virus in 1565
  - *Heliothis zea* in, on cotton 4502
  - *Rothschildia aroma* in, natural enemies of 1578, 4916
- ***achertus,*** parasitising, *Rhyacionia frustrana,* in Honduras 3264
- ***eagni, Capitophorus***
- ***eaphilus, Chelonus***
- ***eidis, Aspidiotus***
- ***aeis guineensis*** (see Oil palm)
- ***asmolomus sordidus***
  - distribution of 1339
  - in Brazil 1339
  - in stored groundnuts, damage caused by 1339
- ***asmopalpus lignosellus***
  - control of, insecticides for 1876
  - in USA 1876
  - on sorghum, in Mississippi 1876
- ***asmus claripennis***
  - in India 1848
- ***Elasmus claripennis*** *contd.*
  - parasitising, *Eublemma amabilis,* in Bihar 1848
- ***Elasmus flabellatus***
  - in Lebanon 4312
  - parasitised by, *Pediobius routensis,* in Lebanon 4312
  - parasitising, *Prays oleae,* in Lebanon 4312
- **Elateridae**
  - in Moldavia 3072
  - moulting in 47
  - traps for 1352
- ***elatior, Protaphis***
- ***Elatobium abietinum***
  - flight activity in 4186
  - in UK 4186
  - traps for 4186
- ***Elatophilus nigricornis***
  - in France 3356
  - preying on, *Matsucoccus feytaudi,* in France 3356
- ***Eldana saccharina***
  - in Kenya 1403
  - in Tanzania 1403
  - in Uganda 1403
  - on maize, in West Africa 2703
  - on *Pennisetum typhoides,* in West Africa 2703
  - on sorghum, in West Africa 2703
  - on sugar-cane
    - in East Africa 1403
    - in West Africa 2703
- **Elderberry, American** (see *Sambucus canadensis*)
- ***electellum, Homoeosoma***
- **Electrostatic dusting** 4499
- ***elegans, Choetopsila***
- ***elegans, Diversinervus***
- ***elegans, Hylamorpha***
- ***elegans, Oryctes***
- ***elegans, Zonocerus***
- ***Eleodes obsoleta***
  - dispersal of 374
  - in USA 374
  - on wheat, in South Dakota 374
- ***Eleodes opaca***
  - dispersal of 374
  - in USA 374
  - on wheat, in South Dakota 374
- ***Eleodes suturalis***
  - dispersal of 374
  - in USA 374
  - on wheat, in South Dakota 374
- ***Eleodes tricostata***
  - dispersal of 374
  - in USA 374
  - on wheat, in South Dakota 374
- ***Eleusine coracana,*** *Dynastes gideon* on, in Uttar Pradesh 133
- ***Eleusine indica***
  - *Atherigona soccata* on 1050

***Eleusine indica** contd.*
  Spodoptera compta on 5095
elimatus, Dalbulus
elisae, Pseudococcus
elisus, Lygus
Elm (see *Ulmus*)
Elm, rock (see *Ulmus thomasii*)
Elocron (*see* Dioxacarb)
Elodia tragica
  in USSR 4770
  parasitising, *Cydia pomonella,* in Moldavia 4770
elongata, Metura, (*Oiketicus*)
elongata, Prospaltella
elongatum, Nemosoma
elongatus, Dichroplus
elongatus, Pasimachus
Elosal (*see* Sulfur)
elutella, Ephestia
Elyomis quercinus, preying on, *Thaumetopoea pityocampa,* in Spain 669
Elytrigia repens (see *Agropyron*)
Elytropappus rhinocerotis, *Diversicrus longulum* on, in South Africa 305
emarginata, Calpe, (*Oraesia*)
emarginatus, Bruchus
Embaphion muricatum
  dispersal of 374
  in USA 374
  on wheat, in South Dakota 374
embryophagum, Trichogramma
emoorei, Euschistus
Emphytus calceatus
  in USSR 548
  on raspberry, in USSR 548
  on strawberry, in USSR 548
Emphytus cinctus
  in USSR 548
  on roses, in USSR 548
  on strawberry, in USSR 548
Empididae, preying on, cotton pests, in Ivory Coast 2373
Empoa platana
  in USA 4836
  on *Platanus occidentalis,* in Illinois 4836
Empoasca
  control of, insecticides for 1119, 1131, 3245, 5236
  food-plants of, in Turkey 4443
  on bean, in Iran 1119
  on cotton
    in Egypt 1518, 3245
    in Ivory Coast 5236
  on tomato, in Egypt 1131
Empoasca clodia
  sp. n., description of 4552
  in Niue Island 4552
  on sweet potato, in Niue Island 4552
Empoasca decipiens
  control of, insecticides for 3774
  in Egypt 3774
***Empoasca decipiens** contd.*
  on *Vigna unguiculata,* in Egypt 3774
Empoasca devastans (see *Amrasca*)
Empoasca distinguenda
  in Central African Republic 5155
  on cotton, in Central African Republic 5155
Empoasca dolichi
  in Central African Republic 5155
  on cotton, in Central African Republic 5155
Empoasca fabae
  biology of 4793
  control of, insecticides for 1495
  in Egypt 1495, 1526
  in Mexico 4332
  in USA 3175, 3775, 4793, 4836
  on lucerne
    damage caused by 3175
    in Nebraska 3175
  on *Phaseolus*
    damage caused by 4332
    in Mexico 4332
  on *Platanus occidentalis,* in Illinois 483
  on potato, in Egypt 1495, 1526
  on soy bean
    damage caused by 3775
    in Iowa 3775, 4793
Empoasca facialis
  control of, insecticides for 4361
  in Central African Republic 5155
  in Ghana 4361
  on cotton
    in Central African Republic 5155
    in Ghana 4361
Empoasca flavescens
  control of, insecticides for 2767
  distribution maps of 3544
  in France 2767
  on grape vine
    damage caused by 2767
    in France 2767
Empoasca lybica
  control of, insecticides for 2832
  in Central African Republic 5155
  in Sudan 2832
  on cotton
    in Central African Republic 5155
    in Sudan 2832
Empoasca niuensis
  sp. n., description of 4552
  in Niue Island 4552
  on mandarin, in Niue Island 4552
  on sweet potato, in Niue Island 4552
Empoasca solana, taxonomy of, *Solanasca* erected for 2091
Empusa (see also *Entomophthora*)
  in, *Nematus ribesii,* in Lithuania 3950
Enaphalodes rufulus
  in USA 4831
  on *Quercus,* in USA 4831

armonia formosana
  iology of 1459, 1470, 4769
  ontrol of 1460
    insecticides for 4769
  n USSR 4769
  n West Germany 1459–1460, 1470
  n apricot, in West Germany 1470
  n cherry
    damage caused by 1459
    in West Germany 1459–1460, 1470
  n peach, in West Germany 1470
  n plum, in West Germany 1470
aysma, in UK 2090
aysma aceriana
  p. n., description of 2090
  n UK 2090
  arasitising, *Phyllonorycter geniculella,* in UK 2090
aysma cilla
  n UK 3280
  arasitising, *Phyllonorycter maestingella,* in UK 3280
aysma latreillei
  n UK 3280
  arasitising, *Phyllonorycter* spp., in UK 3280
aysma suprafolia
  p. n., description of 2090
  n UK 2090
  arasitising, *Phyllonorycter corylifoliella,* in UK 2090
carsia, parasitising, *Bemisia tabaci,* in Egypt 1003
carsia formosa
  mergence in, effects of storage temperature on 4503
  nsecticides in, toxicity of 1243
  viposition behaviour in, effects of pesticides on 1020
  arasitising
    Trialeurodes vaporariorum 1020
      and biological control using, in USSR 1883
  irimicarb in, toxicity of 4941
carsia partenopea
  n Egypt 3767
  n USSR 997
  arasitising
    Aleyrodes proletella, in Egypt 3767
    Bulgarialeurodes cotesii, in Turkmenia 997
cyrtidae
  levelopment in, adaptive features of 469
  eneric names of 4233
  ost specificity in 467
  osts of 4233
  rophic relations in 468
cyrtinae, taxonomy of 4045
cyrtoides, Systasis
cyrtus fuscicollis (see *Ageniaspis*)
dasys, parasitising, *Nematus ribesii,* in Lithuania 3950
Endasys subclavatus
  in USA 717
  preying on, *Neodiprion excitans,* in Florida 717
Endocide (*see* Endothion)
Endosulfan (6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide)
  against
    Aceria essigi 3183
    Aglaope infausta 3187
    Agrilus suvorovi 3818
    Agrotis spp. 4447
    A. ipsilon 4448, 4456, 5138
    Amsacta moorei 209
    Anthonomus piri 568
    aphids 4323
    Aphis fabae 3242
    Apion apricans 3714
    A. trifolii 3714
    Aulacaspis tegalensis 320
    Buprestidae 3818
    Cecidophyopsis ribis 5115
    Ceratitis capitata 2933
    Ceutorhynchus assimilis 599, 1502
    Chironomus spp. 4748
    Cnaphalocrocis medinalis 3168–3169
    Dasineura brassicae 1502
    Diacrisia obliqua 5144
    Diatraea grandiosella 2724
    Diparopsis castanea 4817
    Discestra trifolii 3094
    Drosophila melanogaster 2933
    Dysdercus spp. 1940
    Earias biplaga 1940
    Empoasca fabae 1495
    Ephydra macellaria 4748
    Euchrysops cnejus 2353
    Frankliniella occidentalis 3242
    Heliothis armigera 630, 1940, 2353, 4817, 4900, 4922
    H. virescens 5170
    Hodotermes mossambicus 275, 776
    Homoeosoma electellum 3242
    Hyalopterus pruni 4467
    Hypera postica 1443
    Hyphantria cunea 156
    Iridomyrmex humilis 1858
    Lygus hesperus 3242
    Maruca testulalis 2353
    Meligethes spp. 2205
    M. aeneus 1502
    Melolontha melolontha 3623
    Myzus humuli 4732
    M. persicae 1495
    Nezara viridula 4750
    Nymphula depunctalis 5098
    Oebalus poecilus 2298
    Operophtera bruceata 3726
    Oryctes spp. 5111
    Ostrinia nubilalis 131, 4745
    Peridroma saucia 5138

Endosulfan *contd.*
  against *contd.*
    pests of cotton 3789, 4817
    Phlogophora meticulosa 5138
    Phthorimaea operculella 1495
    Phytomyza horticola 1975, 4335
    Planococcus citri 216
    Plusia chalcites 2353
    Polyphylla spp. 4447
    Pseudococcus adonidum 216
    P. maritimus 216
    Sesamia nonagrioides 4745
    Sitona callosus 149
    Spodoptera litura 2935, 4003
    Tarsonemus pallidus 1073
    Tetranychus urticae 784, 1940, 3242
    Therioaphis trifolii 3709
    Thrips tabaci 1495
  deposits of, resistance to rain of 3550
  FAO specifications for 799
  formulations of 2935
  in *Beauveria bassiana,* toxicity of 2440
  in boysenberries, residues of 547
  in *Entomophthora,* toxicity of 2440
  in honey bees, toxicity of 3410
  in hops, determination of 3051
  in *Metarhizium anisopliae,* toxicity of 2440
  in mustard, residues of 3762
  in *Orius,* toxicity of 3242
  in *Philonthus fuscipennis,* toxicity of 1502
  in rape, residues of 3762
  in *Spodoptera litura,* effects of 2135, 4003
  in surface water, persistence of 3619
  in *Tachyporus hypnorum,* toxicity of 1502
  in tobacco, residues of 2950
  in *Tribolium castaneum,* effects of 2944
  in water, residues of 3415
  photodecomposition products of 2059
  resistance to, in
    Diparopsis watersi, in Chad 4922
    Leptinotarsa decemlineata, in Austria 2036
  with azinphos-ethyl, against, pests of cotton 4817
  with γ-BHC, against, *Pegomya betae* 3929
  with DDT
    against
      Heliothis armigera 630
      pests of cotton 1521, 3789
  with parathion
    against
      Brevicoryne brassicae 3762
      Pieris rapae 5143
      Plutella xylostella 5143
      Trichoplusia ni 5143
Endosulfan ether (*see* 4,7-Methanoisobenzofuran, 4,5,6,7,8,8-hexachloro-1,3,3a,4,7,7a-hexahydro-)
Endosulfan α-hydroxy ether (*see* 4,7-Methanoisobenzofuran-1-ol, 4,5,6,7,8,8-hexachloro-1,3,3a,4,7,7a-hexahydro-)
Endosulfan lactone (*see* 4,7-Methanoisobenzofuran-1(3*H*)-one, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-)
Endosulfan sulfate (*see* 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3,3 dioxide)
Endosulfandiol (*see* Bicyclo[2.2.1]hept-5-en 2,3-dimethanol, 1,4,5,6,7,7-hexachloro-)
Endothion (*S*-[(5-methoxy-4-oxo-4*H*-pyran-2-yl)methyl] *O,O*-dimethyl phosphorothioate)
  against, *Dacus oleae* 1907
Endrex (*see* Endrin)
Endria inimica, virus-like particles in 199
Endrin ((1aα,2β,2aβ,3α,6α,6aβ,7β,7aα)-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a octahydro-2,7:3,6-dimethanonaphth[2,3-*b*]oxirene)
  against
    Agrotis ipsilon 2837
    Amsacta moorei 209
    Atherigona falcata 507
    Aulacophora atripennis 2055
    A. foveicollis 1485, 2055, 3149
    Bissetia steniella 493
    Chilo agamemnon 3675, 4269
    C. partellus 132
    Chironomus spp. 4748
    Cnaphalocrocis medinalis 3168–3169
    Diacrisia obliqua 5144
    Diatraea grandiosella 2724
    Drosophila melanogaster 3996
    Earias insulana 1607, 3787
    Empoasca fabae 1495
    Ephydra macellaria 4748
    Euchrysops cnejus 2353
    Euproctis lunata 636
    Heliothis armigera 2353–2354, 4922
    Helopeltis antonii 1888
    Henosepilachna vigintioctopunctata 1228
    Leucinodes orbonalis 4349
    Maruca testulalis 2353
    Myzus persicae 1495
    Ophiomyia phaseoli 3929
    Ostrinia nubilalis 4745
    Papilio demoleus 1472
    pests of cotton 1140, 1521, 3789, 435
    pests of jute 2839
    pests of rice 4262
    pests of soy bean 5149
    Phthorimaea operculella 1495
    Plusia chalcites 2353
    Pyrilla perpusilla 3704

drin *contd.*
  against *contd.*
    Sesamia cretica 3675
    S. nonagrioides 4745
    Spodoptera frugiperda 5092
    S. littoralis 763, 1929, 3395, 5250
    S. litura 2935
    Thrips tabaci 1495
    Tryporyza incertulas 4269
  FAO specifications for 797
  formulations of 2935
  in *Beauveria bassiana,* toxicity of 2440
  in cotton, effects of 3616
  in *Cypridopsis vidua,* toxicity of 4022
  in *Entomophthora,* toxicity of 2440
  in estuarine molluscs, residues of 4975
  in fowls, residues of 2046
  in *Hibiscus esculentus,* residues of 597
  in *Metarhizium anisopliae,* toxicity of 2440
  in rice
    effects on pollen of 2737
    residues of 2942
    toxicity of 4269
  in rodents, residues of 1646
  in soil, residues of 1652
  in *Spodoptera littoralis,* effects of 4004, 4508
  in *Tribolium castaneum,* effects of 2944
  in wildlife, residues of 2955
  resistance to, in, *Diparopsis watersi,* in Chad 4922
  with azinphos-methyl
    against
      Earias insulana 5169
      Pectinophora gossypiella 5169
  with *O*-(4-bromo-2,5-dichlorophenyl) *O*-methyl phenylphosphonothioate, against, *Spodoptera littoralis* 3253
  with carbaryl, and DDT, against, pests of cotton 2370
  with DDT
    against
      Cryptophlebia leucotreta 5235
      Earias insulana 5169
      Pectinophora gossypiella 5169
      pests of cotton 2370
    in cotton-fields, non-target effects of 4536
  with DDT, and viruses, against, *Cryptophlebia leucotreta* 5235
  with dicrotophos, against, *Spodoptera littoralis* 3253, 3800, 5168
  with dicrotophos, and polyhedrosis virus, against, *Spodoptera littoralis* 3244
  with methyl-parathion, against, *Spodoptera littoralis* 5250
  with parathion, against, *Spodoptera frugiperda* 5092
  with phosphamidon, against, pests of cotton 1140, 1944

Endrin *contd.*
  with thiometon
    against
      Earias insulana 4810
      Empoasca spp. 3245
      Pectinophora gossypiella 4810
      Spodoptera littoralis 1882
Endrosis sarcitrella, in dried forage, damage caused by 3864
enecator, Trichomma
Enneothrips flavens
  in Brazil 1123
  on groundnut, in Brazil 1123
Ennomos subsignarius
  control of, insecticides for 1538, 1898
  in USA 1538, 1839–1840, 1898, 1959
  on apple, in Connecticut 1898
  on *Quercus,* in Connecticut 1839–1840
  oviposition in 1959
  parasitised by
    Ooencyrtus clisiocampae, in Connecticut 1839–1840
    Telenomus alsophilae, in Connecticut 1839–1840
Enoclerus lecontei
  flight activity in, in California 4623
  in USA 4623
Enoplops disciger
  in Bulgaria 2279
  on medicinal plants, in Bulgaria 2279
ensifer, Merachymerus
ENT-27991 (*see* Propanoic acid, 2,2-dimethyl-, 3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester)
ENT-33972 (*see* 2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-, methyl ester)
    3681
ENT-50172 (*see* 1-Aziridinecarboxamide, *N,N'*-1,6-hexanediylbis-)
    752
ENT-62112 (*see* 1,2,4-Dithiazol-1-ium, 3,5-bis(dimethylamino)-, sulfate (1:1))
    752
ENT-70119 (*see* 1,3-Benzodioxole, 5-[[3-ethyl-5-(3-ethyl-3-methyloxiranyl)-2-pentenyl]oxy]-)
    3681
ENT-70221 (*see* Oxirane, 3-[5-(4-ethylphenoxy)-3-methyl-3-pentenyl]-2,2-dimethyl-)
    5073
ENT-70350 (*see* 2,6-Nonadienoic acid, 3,7-dimethyl-9-(trimethyloxiranyl)-, ethyl ester)
    3681
ENT-70357 (*see* 1,3-Benzodioxole, 5-[[5-(3-ethyl-3-methyloxiranyl)-3-methyl-2-pentenyl]oxy]-, (*E*)-)
    3681

- **ENT-70441** (*see* Oxirane, 3-[3,7-dimethyl-9-(2-propynyloxy)-3,7-nonadienyl]-2-ethyl-2-methyl-) 3681
- **ENT-70459** (*see* 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (*E,E*)-)
- **ENT-70460** (*see* 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 1-methylethyl ester, (*E,E*)-)
- ***Entedon,*** parasitising, *Apion corchori,* in West Bengal 2840
- ***Enterobacter,*** in, *Lymantria dispar,* in Connecticut 4878
- ***Enterobacter cloacae,*** in, *Galleria mellonella,* effects of 1997
- **Enterobacteriaceae,** in, *Lymantria dispar,* in Connecticut 4878
- **Entobacterin** (see *Bacillus thuringiensis* var. *galleriae*)
- **Entobacterin 3** (see *Bacillus thuringiensis* var. *galleriae*)
- **Entobacterine** (see *Bacillus thuringiensis* var. *galleriae*)
- **Entobakterin** (see *Bacillus thuringiensis* var. *galleriae*)
- **Entobakterin-3** (see *Bacillus thuringiensis* var. *galleriae*)
- ***Entomophthora***
  - in
    - *Acyrthosiphon pisum,* in USSR 3881
    - *Aeneolamia selecta,* in Brazil 1029
    - *Aphis fabae,* in France 4429
    - cereal aphids, in UK 4929
    - *Cinara curvipes,* in Quebec 4433
    - *Diacrisia obliqua,* in Bangalore 2448
    - *Hyadaphis erysimi,* in South Africa 601
    - *Hydrellia philippina,* in Philippines 523
    - *Lambdina fiscellaria*
      - in Canada 2000
      - in Quebec 3272
    - *Mahanarva posticata,* in Brazil 1029
    - *Myzus persicae,* in South Africa 601
    - orchard pests, in Lithuania 3948
    - *Tetranychus urticae,* in India 747
  - insecticides in, toxicity of 2440
  - protoplast formation in 2000
  - resting spores of, produced on artificial media 749
- ***Entomophthora aphidis***
  - in
    - *Acyrthosiphon dirhodum,* in England 1040
    - *A. festucae,* in England 1038
    - *A. pisum,* in Argentina 1198
    - aphids, in Chile 3156
    - *Capitophorus horni,* in France 1392
    - *Macrosiphum avenae,* in England 1040
- ***Entomophthora destruens***
  - in
    - *Coptotermes formosanus,* infectivity of 2442
    - *Galleria mellonella,* infectivity of 2442
    - *Reticulitermes lucifugus,* infectivity of 2442
  - storage of 2442
- ***Entomophthora dipterigena,*** in, *Hylemya coarctata,* in UK 4435
- ***Entomophthora echinospora,*** in, *Procollina biolleyi,* in Costa Rica 4413
- ***Entomophthora hylemyiae,*** in, *Hylemya coarctata,* in UK 4435
- ***Entomophthora muscae,*** in, *Hylemya coarctata,* in UK 4435
- ***Entomophthora obscura,*** in, *Acyrthosiphon pisum,* in Argentina 1198
- ***Entomophthora planchoniana***
  - in
    - *Acyrthosiphon dirhodum,* in England 1038, 1040
    - *Capitophorus horni,* in France 1392
    - *Macrosiphum avenae,* in England 1038, 1040
- ***Entomophthora tenthredinis***
  - descriptions of 2441
  - in
    - *Diprion similis,* in Wisconsin 2441
    - *Nematus ribesii,* in Lithuania 3950
- ***Entomophthora thaxteriana***
  - in
    - *Acyrthosiphon dirhodum,* in England 1040
    - *A. festucae,* in England 1038
    - *Coptotermes formosanus,* infectivity of 2442
    - *Galleria mellonella,* infectivity of 2442
    - *Macrosiphum avenae,* in England 1040
    - *Reticulitermes lucifugus,* infectivity of 2442
  - storage of 2442
- ***Entomopoxvirus*** 3332
  - in
    - *Choristoneura biennis* 3875
      - in British Columbia 4911
    - *C. conflictana,* in Ontario 3875
    - *C. fumiferana,* and biological control using 4911
    - *Euxoa auxiliaris,* in South Dakota 2004
    - *Wiseana* spp. 4882
      - in New Zealand 1069
- ***Entomopoxvirus melolonthae,*** in, *Melolontha melolontha* 3323
- ***Entypotrachelus meyeri meyeri***
  - biology of 2375
  - in Kenya 2375
  - in Tanzania 2375
  - on tea
    - in Kenya 2375

vpotrachelus meyeri meyeri *contd.*
  tea *contd.*
    in Tanzania 2375
vpotrachelus meyeri micans
  ology of 2375
  Kenya 2375
  tea, in Kenya 2375
ironmental monitoring network 2919
ironmental quality, effects of chemical
  est control on 4910
yme Commission (*see* E.C.)
ymes, in insects, role in insecticide
  esistance of 2461
ader vegrandis
  Brazil 2843
  cacao, in Brazil 2843
arceliopsis, taxonomy of, synonym of
  Senometopia 2501
urysa flavocapitata
  ology of 4246
  India 4246
  sugar-cane, in North Bengal 4246
etranychus hicoriae
  ntrol of, acaricides for 3721
  USA 3721
  pecan, in Georgia (USA) 3721
etranychus sexmaculatus, noninclusion
  virus in, not infective 4877
rae, Phalacrotophora
edrus plagiator
  nbryonic development in 1281
  UK 3133
  rasitising, aphids, in UK 3133
estia
  ntrol of, γ-irradiation for 2079
  erilisation of, γ-irradiation for 2079
estia cautella
  holate in, effects of sucrose on effects of
    2142
  ology of 2525, 3296
  mmon names of, in East Germany
    1679
  ntrol of
    fumigants for 4493
    insecticides for 2404, 4493
    γ-irradiation for 1554, 5210
    juvenile hormone analogues for 2043, 2873
    sterile-insect release for 3911
  ticle deposition in, effects of ecdysone
    analogues on 2994
  losion in 3525
  ranulosis virus in 3330
    infectivity of 3337
  East Germany 1679
  Ethiopia 1827
  India 4338
  Iraq 1002
  Japan 1417
  Nigeria 3853
  Turkey 4493
  USA 2404, 2875, 5224
Ephestia cautella *contd.*
  in stored hazel nuts, in Turkey 4493
  in stored soy beans, in Madhya Pradesh 4338
  life history of 4493
  malathion resistance in, in USA 2875
  mandibular gland secretion in 5012
  mating in, in confined spaces 3860
  Nosema invadens in, in California 5224
  nuclear polyhedrosis virus in 3330
  oviposition in 1752
  parasitised by
    Bracon hebetor 3132
      in Iraq 1002
      in Turkey 4493
    Devorgilla canescens 2261
  phosphine susceptibility in, effects of diet on 1976
  population dynamics of 2261
  preyed on by, *Melichares keegani* 4862
  pyrethrins resistance in, in USA 2875
  rearing of, techniques for 3560
  seasonal abundance of 1417
  sex pheromone of 342
    effects of isomers on responses to 4028
    inhibitors of responses to 4577
    methods for obtaining 1794
  sterilisation of, γ-irradiation for 2465
  UV sensitivity in 247
Ephestia elutella
  antigenic properties of 3624
  common names of, in East Germany 1679
  control of, fumigants for 3399, 4494
  diapause in, effects of photoperiod on 3022
  in East Germany 1679
  in Turkey 4494
  in dried forage, not able to breed 3864
  in stored tobacco, in Turkey 4494
  mandibular gland secretion in 5012
  Nosema invadens in, infectivity of 5224
Ephestia figulilella
  in Turkey 3718
  in USA 5224
  Nosema invadens in, in California 5224
  on grape vine, in Turkey 3718
Ephestia kuehniella
  control of
    Bacillus thuringiensis for 259
    fumigants for 271
  enzymes in 4570
  in Turkey 2409, 4487
  in stored maize, in Turkey 4487
  mandibular gland secretion in 5012
  mycoplasma-like organisms in 3896
  ovariole sheath in 1686
  oviposition pheromone of, produced by larvae 2178
  parasitised by
    Adalia decempunctata 4163

Ephestia kuehniella *contd.*
  parasitised by *contd.*
    Devorgilla canescens 3645, 5007, 5063–5064
    Phanerotoma flavitestacea 3645
    Pharoscymnus semiglobosus 4163
    Trichogramma spp. 4502
  population dynamics of 70
  preyed on by
    Harmonia doublieri 2609
    Semiadalia undecimnotata 4580
  rearing of, techniques for 2609
  reproduction in 897
  sex pheromone of 897
    responses to 1746
  testes in 1691
    effects of ecdysone on 895
  tunica propria in 1686
Ephialtes calobatus
  in Poland 1079
  in USSR 4770
  parasitising
    Cydia pomonella, in Moldavia 4770
    Tortricidae, in Poland 1079
Ephialtes extensor (see *E. punctulatus*)
Ephialtes inquisitor
  in Poland 1079
  parasitising, Tortricidae, in Poland 1079
Ephialtes pomorum
  in UK 4297
  parasitising, *Anthonomus pomorum,* in UK 4297
Ephialtes punctulatus
  in USSR 4770
  parasitising, *Cydia pomonella,* in Moldavia 4770
Ephialtes ruficollis
  in Denmark 1165
  parasitising, *Rhyacionia buoliana,* in Denmark 1165
ephippella, Argyresthia
ephippias, Anarsia
Ephippigerida zapateri
  in Spain 669
  preying on, *Thaumetopoea pityocampa,* in Spain 669
Ephydra macellaria
  biology of 3694
  control of
    crop management for 4748
    insecticides for 4748
  in Egypt 2728, 4748
  in USSR 3694
  on rice
    in Egypt 2728, 4748
    in Ukraine 3694
  preyed on by, *Thinophilus flavipalpis,* in Egypt 4748
Ephydridae, in Afghanistan 400
Epiblema tedella (see *Epinotia*)
Epicauta aethiops
  gravity reactions in 369
Epicauta aethiops *contd.*
  in Sudan 369
  on *Capsicum,* in Sudan 369
  on *Portulaca,* in Sudan 369
Epicauta pilmus, in Chile 2800
epicharmus, Tetrastichus
Epichoristodes acerbella, control of, γ-irradiation for 3493
Epilachna dodecastigma
  in India 4790
  on *Vigna unguiculata,* in Uttar Pradesh
    4790
Epilachna fulvosignata, phagostimulants f
    from *Solanum campylacanthum* 1300
Epilachna similis
  in Rhodesia 4742
  on wheat, in Rhodesia 4742
Epilachna varivestis
  biology of 2797
  control of, insecticides for 2028, 2484,
    3773, 4794
  in Mexico 4332
  in USA 3654, 3773, 4794
  on bean, resistance to 2797
  on *Phaseolus*
    damage caused by 4332
    in Mexico 4332
  on *Phaseolus vulgaris,* in Nebraska 37
  on soy bean
    in Alabama 4794
    in Florida 3654, 4794
    in Georgia (USA) 4794
    in South Carolina 4794
  preyed on by, *Pachydiplax longipennis,*
    Florida 3654
Epilachna vigintioctomaculata, sterilisatio
    of, chemosterilants for 4799
Epilachna vigintioctopunctata (see *Henosepilachna*)
epimethea, Imbrasia
Epinotia aceriella
  in Canada 683
  in USA 683
  on *Acer rubrum,* in New York 683
  on *Acer saccharum,* in New York 683
  parasites of, in New York 683
  predators of, in New York 683
Epinotia cedricida
  Beauveria bassiana in, in France 2902
  in France 2902
Epinotia tedella
  imaginal wing buds in, effects of parasitism of development of 4699
  in West Germany 4383
  on *Picea,* in West Germany 4383
  on *Picea abies,* development of 5191
  on *Picea omorika,* development of 51
  on *Picea orientalis,* development of 51
  on *Picea pungens,* development of 51
  on *Tsuga canadensis,* development of 5191
  overwintering in 4383

otia tedella *contd.*
erwintering in *contd.*
mortality during 1537
rasitised by
Apanteles tedellae 1537, 4699
Lissonota dubia 1537, 4699
in West Germany 4383
emphigus imaicus
Pakistan 3817
Pinus wallichiana, in Pakistan 3817
Populus ciliata, in Pakistan 3817
rasitised by, *Protaphelinus nikolskajae,* in Pakistan 3817
hyas postvittana
lling behaviour in 1755
Australia 1189, 1842
tural enemies of, in Australia 1842
clear polyhedrosis virus in
and biological control using 1189
in Australia 1189
apple, in Australia 1842
grape vine, in Australia 1842
lemon, in Australia 1842
varian development in 1755
aring of, techniques for 4663
x pheromone of 1755
habituation to 1757
rrita autumnata
Finland 2385
Norway 2385
Sweden 2385
Betula pubescens, in Fennoscandia 2385
tbreaks of 2385
simus argutanus
traction of, to *Paralobesia viteana* sex pheromone 3186
USA 3186
n grape vine, in Pennsylvania 3186
trimerus alinae
iology of 1533
ontrol of 1533
UK 1533
trix hirtipennis
ontrol of, insecticides for 1949
USA 1949
n tobacco, in North Carolina 1949
trix tuberis
ontrol of, insecticides for 2818
Canada 2818
n potato, in British Columbia 2818
urus calobatus (see *Ephialtes*)
zeuxis aemula, *Melichares tarsalis* associated with 979
N (*O*-ethyl *O*-(4-nitrophenyl) phenylphosphonothioate)
gainst
Cosmopolites sordidus 3260
Heliothis armigera 2354
pests of rice 4262–4263
Spodoptera littoralis 5250

EPN *contd.*
  with methyl-parathion, against, *Spodoptera littoralis* 5250
  with parathion, against, *Spodoptera littoralis* 5250
EPN-300 (*see* EPN)
Epoxidase, aldrin
  in maize 2052
  in pea 2052
  in *Phaseolus aureus* 2052
  in *Phaseolus vulgaris* 2052
  in *Vicia faba* 2052
Eptam (*see* Carbamothioic acid, dipropyl-, *S*-ethyl ester) 3773
EPTC (*see* Carbamothioic acid, dipropyl-, *S*-ethyl ester) 3502
Epuraea pygmaea
  in Czechoslovakia 703
  preying on, *Ips typographus,* in Czechoslovakia 703
equalis, Tuckerella
equestris, Haplodiplosis
equestris, Lygaeus
equestris, Merodon, (*Lampetia*)
Equipment, for releasing lure-toxicant treated twine from aircraft 1781
Equisetum **ash**, in *Lymantria dispar,* effects of 1536
Equus caballus (see Horses)
Erannis defoliaria, in UK 2329
Erannis jacobsoni
  biology of 3281
  in USSR 3281
  on *Larix,* in Buryatia 3281
  parasitised by
    Ceromasia rubrifrons, in Buryatia 3281
    Cratichneumon nigritarius, in Buryatia 3281
    C. pachymerus, in Buryatia 3281
    Telenomus mayri, in Buryatia 3281
Erannis vancouverensis
  biology of 1947
  in Canada 1947
  parasitised by, *Winthemia occidentis,* in British Columbia 1947
Erebus odora (see *Otosema odorata*)
Eremochila ruficollis (see *Ephialtes*)
Erencyrtus dewitzii
  in India 4217
  parasitising, *Kerria lacca,* in Bihar 4217
Eretmocerus
  parasitising
    Bemisia tabaci 988
      in Egypt 1003
    Bulgarialeurodes cotesii, in Turkmenia 997
Eretmocerus corni
  in India 2081

Eretmocerus corni *contd.*
  parasitising, *Bemisia tabaci,* in India 2081
Eretmocerus gunturiensis
  sp. n., description of 2081
  in India 2081
  parasitising, Aleyrodidae, in India 2081
Eretmocerus haldemani
  in India 2081
  parasitising, *Aleurolobus* spp., in India 2081
Eretmocerus indicus
  sp. n., description of 2081
  in India 2081
  parasitising, *Aleurolobus* spp., in India 2081
Eretmocerus mashhoodi
  sp. n., description of 2081
  in India 2081
  parasitising, Aleyrodidae, in India 2081
Eretmocerus masii
  in India 2081
  parasitising, *Bemisia tabaci,* in India 2081
Eretmocerus mundus
  in India 2081
  parasitising, Aleyrodidae, in India 2081
Ergates faber
  in Italy 4839
  on *Pinus,* in Italy 4839
Eriaphytis orientalis
  gen. et sp. n., description of 317
  in India 317
  parasitising, *Cerococcus* spp., in India 317
Eriborus argenteopilosus
  in India 2662
  parasitising, *Spodoptera exigua,* in Gujarat 2662
Eriborus terebrans
  in Canada 1835
  parasitising, *Ostrinia nubilalis,* in Ontario 1835
erichsonii, Pristiphora
eridania, Spodoptera, (*Prodenia*)
Erigeron
  Lygus lineolaris on 4628
    in Connecticut 3130
  Peristenus pseudopallipes on 4628
Erigonidae, in soil, effects of fenitrothion on 2949
Erigorgus melanobatus
  in Cyprus 3832
  parastising, *Thaumetopoea wilkinsoni,* in Cyprus 3832
Erinaceus europaeus, preying on, insects, in New Zealand 4698
Eriobotrya japonica (see Loquat)
eriobotryae, Aceria
Eriococcus, on *Macadamia,* in Queensland 1456
Eriococcus araucariae
  descriptions of 661
  in Brazil 661
  on *Araucaria heterophylla,* in Brazil 66
Eriococcus ironsidei
  sp. n., description of 4288
  in Australia 4288
  on *Macadamia,* in Queensland 4288
Erioischia brassicae (see *Hylemya*)
Erionota thrax
  biology of 4318
  in Mauritius 4318
  on banana, in Mauritius 4318
Eriopeltis araxis
  descriptions of 4279
  in USSR 4279
  on grasses, in Transcaucasia 4279
Eriophyes essigi (see *Aceria*)
Eriophyes gallarumtiliae (see *E. tiliae*)
Eriophyes gardeniella
  control of, acaricides for 4147
  in Mexico 4147
  in USA 4147
  on gardenia, in Florida 4147
Eriophyes kuko
  biology of 2823
  in South Korea 2823
  on *Capsicum annuum,* in South Korea 2823
  on *Lycium chinense*
    galls of 2824–2825
    in South Korea 2823
  on *Solanum nigrum,* in South Korea 2823
Eriophyes mangiferae (see *Aceria*)
Eriophyes sheldoni (see *Aceria*)
Eriophyes tiliae
  in UK 4855
  on *Tilia europaea,* in UK 4855
Eriophyes tjyingi
  sp. n., description of 1665
  in Taiwan 1665
  on *Lycium chinense,* in Taiwan 1665
Eriophyes ulmicola (see *Aceria*)
Eriophyes vitis
  control of, acaricides for 1885
  in West Germany 1885, 5116
  on grape vine
    damage caused by 1885
    in West Germany 1885, 5116
  preyed on by
    Eriopis connexa, in West Germany 1885
    Tydeus goetzi, in West Germany 511
Eriophyidae
  in Bulgaria 957
  on grape vine 3082
  preyed on by, *Haleupalus oliveri,* in Wes Germany 2093
  sperm storage in 2128
Eriopis connexa
  acaricides in, toxicity of 1885

pis connexa contd.
  Argentina 1198
  Chile 3156
  West Germany 1885
eying on
  Acyrthosiphon pisum, in Argentina 1198
  aphids, in Chile 3156
  Eriophyes vitis, in West Germany 1885
soma lanigerum
ntrol of 556
  Australia 4192
  Chile 2800
  UK 1897
  USSR 168
apple
  in Crimea 168
  in New South Wales 4192
  in UK 1897
somatinae, in China 4994
somiperda, Uncinulella
estia, parasitising, *Pieris rapae,* in USSR 139
us, Ips, (*Orthotomicus*)
tica, Tapinoma
ticus, Harpalus
tus, Calathus
litus, Cheyletus
, Aphidius
, Bruchus
l (see *Vicia ervilia*)
imi, Lipaphis, (*Hyadaphis*)
themis simplicicollis
USA 3654
reying on
  Heliothis virescens, in Florida 3654
  H. zea, in Florida 3654
  Pseudoplusia includens, in Florida 3654
thrina, *Icerya aegyptiaca* on, in Pakistan 3123
throcephala, Conistra
thromycin, in *Citrus,* effects on mites of 3744
throneura, control of, insecticides for 2802
throneura adanae
Turkey 4469–4470
n grape vine, in Turkey 4469–4470
throneura adanae vitisuga
ontrol of, insecticides for 551
Bulgaria 551
n grape vine
  damage caused by 551
  in Bulgaria 551
throneura cajanae
p. n., description of 4049
n Bangladesh 4049
n *Cajanus cajan,* in Bangladesh 4049
throneura lawsoni
iology of 4836

Erythroneura lawsoni contd.
  in USA 4836
  on *Platanus occidentalis,* in Illinois 4836
Erythroneura maxwelli
  sp. n., description of 3438
  in USA 3438
  on *Quercus falcata,* in Mississippi 3438
Erythroneura truncata
  sp. n., description of 4049
  in Bangladesh 4049
  on rice, in Bangladesh 4049
  on wheat, in Bangladesh 4049
Erythroneurini, in Bangladesh 4049
erythropasa, Dioryctria
erytreae, Trioza
Escaryus, in soil, effects of fenitrothion on 2949
Escherichia coli
  Abies balsamea foliar constituents in, effects of 4873
  pyrethrins in, effects of 2071
Esculin (*see* 2*H*-1-Benzopyran-2-one, 6-(β-D-glucopyranosyloxy)-7-hydroxy-)
Eserine
  in *Diabrotica undecimpunctata* eggs, inhibiting esterase 23
  in *Locusta migratoria,* reducing wing-beat frequency 4200
essigi, Aceria, (*Eriophyes*)
esterae, Blastophaga
Esterase
  in *Agrotis segetum,* effects of sodium fluoride on 4524
  in *Diabrotica undecimpunctata* eggs 23
  in *Eriophyes kuko* galls on *Lycium chinense* 2824
  in *Eurygaster integriceps,* trichlorphon inhibition of 3482
  in *Galleria mellonella* gut, activity pattern of 2993
  in insects 21
    insecticide inhibition of 4568
  in *Laodelphax striatella,* relation of insecticide resistance and 3484–3485
  in mice
    chrysanthemate cleavage by 4537
    converting dinobuton to dinoseb 4538
  in *Pieris brassicae,* trichlorphon inhibition of 3482
  in pigs, carbamate determination by inhibition of 4642
  in *Pyrrhocoris apterus*
    activity pattern of 1729
    effects of JH mimics on 1729
  in rats, converting dinobuton to dinoseb 4538
Esterase, acetyl choline
  in *Acheta domesticus,* carbamate inhibition of 1618
  in *Acheta domesticus* c.n.s.
    localisation of 24
    organic phosphate inhibition of 24

Esterase, acetyl choline *contd.*
  in cattle
    carbamate inhibition of 1618
    carbofuran inhibition of 2485
  in *Galleria mellonella* cns 1704
  in honey bee, carbamate inhibition of 1618
  in horse plasma, carbamate inhibition of 3618
  in *Musca domestica*
    carbamate inhibition of 1618
    carbofuran inhibition of 2485
Esterase, carboxyl
  in *Anthonomus grandis,* thiol esters as substrates for 25
  in *Chilo suppressalis,* not inhibited by chlordimeform 2471
  in *Gryllus assimilis,* thiol esters as substrates for 25
  in *Musca domestica,* thiol esters as substrates for 25
  in *Nephotettix cincticeps,* relation of insecticide resistance and 3483
  in *Panonychus citri,* inhibited by synergist for malathion 3401
  in *Spodoptera littoralis,* effects of insecticides on 5250
Esterase, choline
  in *Acheta domesticus* eggs, fenthion inhibition of 2473
  in *Agrotis ipsilon* 1135
  in *Anadiasa undata* 1135
  in cattle, inhibition of, related to carbamate insecticidal activity 2050
  in *Ceratitis capitata* 4572
  in *Chilo suppressalis,* not inhibited by chlordimeform 2471
  in *Dacus oleae* 4572
  in *Diabrotica undecimpunctata* eggs 23
  in dogs, fensulfothion inhibition of 5255
  in *Heliothis virescens,* relation of insecticide resistance and 4593
  in insects
    activation of 1695
    insecticide inhibition of 3570
  in *Lumbricus terrestris,* carbofuran inhibition of 4963
  in mammals, insecticide inhibition of 3570
  in mice, organic phosphate inhibition of 2486
  in *Musca domestica*
    inhibition of, related to carbamate insecticidal activity 2050
    phosphoramidate inhibition of 2058, 2474
  in *Nephotettix cincticeps,* relation of insecticide resistance and 3483
  in *Panonychus citri,* malathion inhibition of 3401
  in *Pectinophora gossypiella* 1135
  in rats, fensulfothion inhibition of 5255
Esterase, choline *contd.*
  in *Sesamia cretica* 1135
  in *Spodoptera exigua* 1135
  in *Spodoptera littoralis* 1135
    effects of insecticides on 5250
  in *Streblote acaciae* 1135
  in *Tetranychus urticae,* desiccation and acaricide inhibition of 4528
Esterase, juvenile hormone, in *Manduca sexta* haemolymph, activity pattern of 2538
Esterase, phosphomono- (*see* Phosphatase
Esterase, phosphotri-, in *Heliothis viresce*
  relation of insecticide resistance and 1619
Estigmene, on cotton, in Haryana 4351
Estigmene acraea
  DDT analogues in, metabolism of 49
  insecticides in, metabolism of 3993
  nuclear polyhedrosis virus in 4423
    effects of 4892
  parasitised by, *Trichogramma semifumatum* 1018
  pox virus in, infectivity of 4434
Estragole (*see* Benzene, 1-methoxy-4-(2-propenyl)-)
Ethanaminium, 2-(acetyloxy)-*N,N,N*-trimethyl-, in *Locusta migratoria,* reducing wing-beat frequency 4200
Ethanaminium, 2-chloro-*N,N,N*-trimethyl- (chlormequat)
  chloride, in *Citrus,* effects on mites of 3744
Ethanaminium, 2-hydroxy-*N,N,N*-trimeth (choline)
  in *Trogoderma granarium,* dietary requirement for 2545
  chloride
    diet component for
      Epiphyas postvittana 4663
      Heliothis armigera 4655
      Hypera postica 4661
      Papilio protenor 3059
      Pieris brassicae, not affecting granulosis infection 3894
      Zeiraphera diniana 1159
    in *Itoplectis conquisitor,* dietary requirement for 350
Ethane, 1,2-dibromo-
  against
    Dacus dorsalis 592
    Heterodera rostochiensis 1592
    Panonychus ulmi 1466, 3199
    Tribolium castaneum 2056
  fumigant for, stored grain 2884
  in *Callosobruchus maculatus,* effects of diet on susceptibility to 3858
  in soil, effects on Carabidae of 1592
  resistance, to, in, *Tribolium castaneum,* Canada 2039

ane, 1,2-dichloro-
- gainst
  - *Tenebroides mauritanicus* 4592
  - *Tribolium castaneum* 2056
- umigant for, stored grain 2884
- ith tetrachloromethane
  - against
    - pests of stored grain 5209
    - *Tenebroides mauritanicus* 4592
    - *Tribolium castaneum* 2056
  - in *Callosobruchus maculatus,* effects of diet on susceptibility to 3858

-Ethanediol, 2,2,2-trichloro-, inhibition of methane production by rumen microbes by 4968

animidothioic acid, *N*-[(aminocarbonyl)oxy]-, methyl ester, against, *Tetranychus urticae* 2848

animidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-
- methyl ester (oxamyl)
  - against
    - *Aleurothrixus floccosus* 3748
    - *Rhizoecus cacticans* 1147
    - *Tetranychus urticae* 5129

animidothioic acid, *N*-[[(methylamino)carbonyl]oxy]-
- 2-cyanoethyl ester, (*Z*)-, resistance to, in, *Myzus persicae,* in Czechoslovakia 5239
- methyl ester (*see* Methomyl)

hanol
- attractant for
  - *Rhizophagus dimidiatus* 5199
  - Scolytidae 5199
- in rats
  - increasing toxicity of pyrethrins 2489
  - toxicity of 2489
- in sheep, not affecting DDT residue levels 1637
- resistance to, in *Rickettsiella melolonthae* 739

hanol, 2-butoxy-, as solvent for timber preservatives 4407

hanol, 2-chloro-, oviposition stimulant for *Dacus tryoni* 4988

thanol, 2-(3,3-dimethylcyclohexylidene)-, (*Z*)-
- *Anthonomus grandis* sex pheromone 3958
- synthesis of 3958

thanol, 2,2′,2″-nitrilotris-, in *Trogoderma granarium,* as substitute for choline 2545

thanone, 1-(4-hydroxyphenyl)-, in rats, metabolite of R-20458 4587

thanone, 1-[4-[(2,3,6,7-tetrahydroxy-3,7-dimethyloctyl)oxy]phenyl]-, in rats, metabolite of R-20458 4587

thanone, 1-(2,4,5-trichlorophenyl)-, in cattle, not found after ingestion of tetrachlorvinphos 2923

Ethanone, 1-[4-[(2,6,7-trihydroxy-3,7-dimethyloctyl)oxy]phenyl]-, in rats, metabolite of R-20458 4587

Ethanone, 1-[4-[(3,6,7-trihydroxy-3,7-dimethyloctyl)oxy]phenyl]-, in rats, metabolite of R-20458 4587

Ethene
- homopolymer
  - film of, as reflective mulch against *Diaphania nitidalis* 4328
  - insect damage to sheets of 3865
- homopolymer, chlorinated, termite resistance in 4410
- homopolymer, chlorosulfonated, termite resistance in 4410

Ethene, chloro-
- homopolymer
  - aldicarb slow-release formulations in granules of 3923
  - dimethoate slow-release formulations in granules of 3923
  - insect damage to sheets of 3865
  - termite resistance in 4410
  - *Trichoplusia ni* sex pheromone slow-release formulation in 2011

Ethene, tetrafluoro-, homopolymer, applied to parts of traps to prevent insects from sticking 4168

Ethion (*S,S′*-methylene bis(*O,O*-diethyl phosphorodithioate))
- against
  - *Acrolepia assectella* 4500
  - *Aleurothrixus floccosus* 5130
  - *Blissus insularis* 2304
  - *Brevipalpus californicus* 1107
  - *B. phoenicis* 2781
  - *Euleia heraclei* 4500
  - *Eutetranychus orientalis* 1107
  - *Hepialus lupulinus* 4500
  - *Hylemya antiqua* 4500
  - *H. brassicae* 3778, 4500
  - *Lepidosaphes beckii* 1107
  - *Liriomyza bryoniae* 3929
  - *Lorryia turrialbensis* 2781
  - *Panonychus ulmi* 1093
  - *Parasaissetia nigra* 1107
  - *Phenacaspis cockerelli* 2590
  - *Phyllocoptruta oleivora* 2781–2782
  - *Phylloxera notabilis* 3722
  - *Pseudaulacaspis pentagona* 177
  - *Psila rosae* 4500, 4797
  - *Tetranychus urticae* 4198
- in *Chrysopa rufilabris,* toxicity of 4970
- with oil emulsion
  - against, *Mycetaspis personata* 3759
  - in *Chrysopa rufilabris,* toxicity of 4970
- with protein bait
  - against
    - *Anastrepha fraterculus* 5107
    - *Ceratitis capitata* 5107

Ethiopia
- Cicadellidae in 1258

Ethiopia *contd.*
  crop pests in 1827
  Lygaeinae in 2505
Ethiopian region
  Opius spp. in 2514
  Polyrhachis spp. in 316
Ethoate-methyl (*S*-[2-(ethylamino)-2-oxoethyl] *O,O*-dimethyl phosphorodithioate)
  against
    Aphis pomi 4463
    Prays oleae 3216
Ethyl-DDD (1,1′-(2,2-dichloroethylidene)bis[4-chlorobenzene])
  against, *Aleurothrixus floccosus* 3748
Ethyl-Gusathion (*see* Azinphos-ethyl)
Ethylene dibromide (*see* Ethane, 1,2-dibromo-)
Ethylene dichloride (*see* Ethane, 1,2-dichloro-)
Ethylene oxide (*see* Oxirane)
Ethylparathion (*see* Parathion)
Etiella behrii
  in Australia 4337
  on soy bean, in New South Wales 4337
Etiella zinckenella
  biology of 5146
  control of, insecticides for 1120
  in Denmark 390
  in India 1120–1121, 5146
  on *Crotalaria juncea,* in Punjab 5146
  on lentil, in Punjab 5146
  on pea
    in Delhi 1120
    in Punjab 5146
    in Rajasthan 1121
Eublemma amabilis
  fats in 4108
  in India 1848, 4108
  parasitised by, *Elasmus claripennis,* in Bihar 1848
  preying on
    Kerria lacca 4108
      in Bihar 1848
Eublemma antoninae
  sp. n., description of 3121
  biology of 3121
  in India 3121
  preying on, *Antonina graminis,* in Mysore 3121
Eublemma scitula
  in Italy 581
  preying on, *Ceroplastes rusci,* in Sicily 581
Eubolia arenacearia (see *Tephrina*)
Euborellia annulipes (see *Anisolabis*)
Euborellia stali
  in India 619
  on groundnut
    damage caused by 619
    in Madras 619
Eucallipterus tiliae
  in UK 3136, 5069
  on *Tilia,* in UK 3136
  on *Tilia vulgaris,* in Scotland 5069
  preyed on by
    Adalia bipunctata, in UK 3136
    Blepharidopterus angulatus, in Scotlan
      5069
eucalypti, Antheraea
Eucalyptus
  Bunaea alcinoe on, in Nigeria 3283
  Ctenomorphodes tessulatus on, in Australia 4378
  Didymuria violescens on, in Australia 4378
  Paropsis charybdis on, in New Zealand 719
  Phoracantha semipunctata on, in Tunisia 3276
  Podacanthus wilkinsoni on, in Australia 4378
  Psyllidae on, in Australia 5183
Eucalyptus saligna, Orgyia mixta on, in Angola 2147
Eucalyptus **(timber)**
  Anacanthotermes ochraceus in, in Egypt 3862
  Psammotermes fuscofemoralis in, in Egy
    3862
Eucarcelia evolans (see *Carcelia*)
Eucarya spicata, oil from, as termite attractant 3140
Euchroma gigantea
  in Brazil 2843
  on cacao, in Brazil 2843
Euchrysops, on pea, in Rajasthan 1121
Euchrysops cnejus
  biology of 4333
  control of, insecticides for 2353
  in India 4333
  in Philippines 2353
  on *Phaseolus aureus,* in West Bengal 4333
  on *Phaseolus vulgaris,* in Philippines 2353
Eucosma cocana
  in USA 4843
  on *Pinus echinata*
    damage caused by 4843
    in Georgia (USA) 4843
Eucosma conterminana
  biology of 1245
  in Poland 1245
  on lettuce, in Poland 1245
Eucosma schistaceana (see *Argyroploce*)
Eucosmini, in USSR 4048
Eucyclodes pieroides
  in Australia 4307
  on avocado, in Queensland 4307
Eudecatoma variegata
  in South Korea 109

ecatoma variegata contd.
arasitising
Dryocosmus kuriphilus, in South Korea 109
Trichagalma serrata, in South Korea 109
xonomy of 109
onia, iridescent virus in, in New Zealand 3878
enia uniflora, *Anastrepha suspensa* on, n Florida 4306
eniae, Chionaspis
enol (*see* Phenol, 2-methoxy-4-(2-propenyl)-)
nathus, Microcerotermes
ryllodes odicus
lling signal of 3510
USSR 3510
achnus agilis
USA 221
n *Pinus sylvestris*
damage caused by 221
in Pennsylvania 221
achnus rileyi
escriptions of 702
Italy 702
n *Pinus nigra,* in Italy 702
asiona comstocki
USA 683
arasitising, *Epinotia aceriella,* in New York 683
ecanium
ontrol of, insecticides for 2699
n *Rosa damascena,* in Turkey 2699
ecanium bituberculatum
ontrol of 5121
od-plants of 5121
USSR 5121
arasitised by
Coccophagus palaeolecanii
and biological control using 5121
in Georgia (USSR) 5121
ecanium coryli
Turkey 4469
n grape vine, in Turkey 4469
ecanium prunastri
iology of 570, 4299
Hungary 3207
Poland 570
Turkey 4459
USSR 4299
n peach
in Hungary 3207
varietal preferences of 3207
n plum, in Poland 570
n *Prunus cerasifera,* in Poland 570
n *Prunus spinosa,* in Poland 570
arasitised by
Coccophagus lycimnia, in USSR 4299
Metaphycus spp., in USSR 4299
Microterys hortulanus, in USSR 4299

Euleia heraclei
control of, insecticides for 4500
in France 4500
larvae of, gallery changing in 596
on celery, in France 4500
Eulocastra argentisparsa, on *Striga,* and biological control using 5076
Eulophidae, in Hungary 4042
Eulophonotus myrmeleon
in Nigeria 5171
on cacao, in Nigeria 5171
Eumerus strigatus, food-plants of, in New Zealand 2852
Eumerus tuberculatus
biology of 1130
in USSR 1130
on garlic, in Buryatia 1130
on onion, in Buryatia 1130
Eumicrosoma benefica
in USA 3128
parasitising, *Blissus insularis,* in Florida 3128
Eumolpinae, in Ivory Coast 451
euonymi, Aphis
Euonymus, *Yponomeuta cognatellus* on, in France 4772
Euonymus europaeus, *Aphis fabae* group on 2585
Euonymus japonicus, *Tetranychus urticae* on, in Kansas 662
Eupareophora exarmata, in USSR 2853
Eupatorium odoratum
Ammalo insulata on, and biological control using, in Nigeria 3673
Apion brunneonigrum on 3673
Zonocerus variegatus on, in Nigeria 3631
Eupelmus popa
in India 4228
parasitising, *Contarinia sorghicola,* in Karnataka 4228
Eupelmus tachardiae
in India 4217
parasitising, *Kerria lacca,* in Bihar 4217
Eupelmus urozonus
in India 2840
in Italy 1396, 2786
in Lebanon 4313
parasitising
Apion corchori, in West Bengal 2840
Dacus oleae
in Italy 1396, 2786
in Lebanon 4313
Euphorbia, *Bemisia tabaci* on, in Egypt 1003
Euphorbia helioscopia, *Pemphigus fuscicornis* on, in Pakistan 3817
Euphorbia pulcherrima, *Trialeurodes vaporariorum* on, in UK 4954
euphorbiae, Celerio
euphorbiae, Macrosiphum
Euphyllura olivina
control of, insecticides for 4477

Euphyllura olivina *contd.*
  in Turkey 4477
  on olive, in Turkey 4477
Eupneusta, taxonomy of, characters distinguishing *Dicranoctetes* and 5078
Eupneusta solena
  gen. et sp. n., description of 5078
  in Papua New Guinea 5078
  on sugar-cane, in Papua New Guinea 5078
Eupoecilia ambiguella, descriptions of 1078
Euproctis chrysorrhoea
  coldhardiness in 1316
  control of, *Bacillus thuringiensis* for 565
  hunger-resistance in, effects of temperature on 1316
  in East Germany 3739
  in France 565
  mortality in, effects of food-plant on 2864
  on pear
    damage caused by 3739
    in East Germany 3739
  parasitised by, *Meteorus versicolor,* in France 565
Euproctis lunata
  biology of 636
  control of, insecticides for 636
  in India 636
  on *Ricinus communis,* in Rajasthan 636
Euproctis producta
  in Mozambique 2826
  on *Ricinus communis,* in Mozambique 2826
Euproctis similis
  cytoplasmic polyhedrosis virus in, infectivity of 738
  in USSR 4375
  nuclear polyhedrosis virus in, infectivity of 738
  on *Betula,* in USSR 4375
Euproctis virguncula
  biology of 1867
  in India 1867
  on *Pennisetum typhoides,* in Rajasthan 1867
Euproctis xanthorrhoea
  in Jammu and Kashmir 2733
  on rice, in Jammu 2733
Eupsilia transversa, mortality in, effects of food-plant on 2864
Eupteromalus peregrinus
  hyperparasitising, *Pieris brassicae,* in Hungary 3222
  in Hungary 3222
  parasitising, *Pteromalus puparum,* in Hungary 3222
Eupteryx, on hazel, in Turkey 4289
Eupulvinaria peregrina
  in USSR 1142
  on tea, in USSR 1142
Eurhodope advenella
  in Hungary 1084
  on apple, in Hungary 1084
  on *Crataegus,* in Hungary 1084
Europe, *Larinus* spp. in 4730
Europe, Central, Raphidioptera in 4553
Europtera punctillata
  in Malagasy Republic 3439
  on *Pinus patula,* in Malagasy Republic 3439
Eurybrachys tomentosa
  in India 851
  parasitised by, *Proleurocerus fulgoridis,* India 851
Eurygaster
  control of, insecticides for 1203, 5233
  on grain crops, in Romania 1203, 5233
  on wheat, in Romania 4705, 4737
  parasites of, in Turkey 4485
  parasitised by
    Helomyia lateralis, in Hungary 3644
    Muscina stabulans, in Turkey 4438
    Phasia subcoleoptrata, in Hungary 3644
    Telenomus spp., in Romania 4705
    Trissolcus spp., in Romania 4705
Eurygaster austriaca
  biology of 417
  in Hungary 3644
  in Turkey 4438
  in Yugoslavia 417
  on wheat, damage caused by 2289, 315
  parasitised by
    Phasia subcoleoptrata, in Hungary 3644
    Telenomus chloropus, in Hungary 3644
    Trissolcus semistriatus, in Hungary 3644
  seasonal abundance of 504
Eurygaster integriceps
  biology of 1035
  control of 1035
    insecticides for 1644, 2288, 4249, 44
    juvenile hormone analogues for 1720
    threshold for 4930
  corpus allatum in, effects of parasitism o 1017
  descriptions of 11
  diapause in, effects of juvenile hormone analogues on 2916
  feeding behaviour in 3678
  heat resistance in 5086
  in Iran 1035
  in Turkey 4438–4439
  in USSR 1644, 2019, 2288, 4249, 4930
  on wheat
    damage caused by 2289, 3153
    in Turkey 4439
    in USSR 1644, 2019, 2288, 4249, 49
  parasites of, effects of insecticides on 1644

gaster integriceps *contd.*
  rasitised by
    Chryseria helluo 1017
    Trissolcus grandis 3658
    T. semistriatus, in Iran 1035
  ring of, techniques for 2206
  ckettsiella eurygasteris in
    in Crimea 2019
    pathogenicity of 2019
  chlorphon in, effects of 3482
gaster maura
  logy of 417
  Hungary 3644
  Turkey 4438
  Yugoslavia 417
  wheat, damage caused by 2289
  rasitised by
    Ectophasia crassipennis, in Hungary 3644
    Phasia spp., in Turkey 4438
    P. subcoleoptrata, in Hungary 3644
    Telenomus chloropus, in Hungary 3644
    Trissolcus semistriatus, in Hungary 3644
  asonal abundance of 504
ystylus, on *Ricinus communis,* in Mozambique 2826
ytela dryope
  Mozambique 2826
  Ricinus communis, in Mozambique 2826
ytheme, Colias
ytoma
  arasitising
    Chlorops spp., in Florida 1068
    Dendrocotonus frontalis, in USA 4710
    Gypsonoma aceriana, in Yugoslavia 687
    Rhyacionia frustrana, in Honduras 3264
ytoma martellii
  Italy 1396, 2786
  arasitising, *Dacus oleae,* in Italy 1396, 2786
ytoma oophaga
  Italy 2319
  arasitising, *Oecanthus pellucens,* in Italy 2319
rytoma roddi (see also *Bruchophagus roddi*)
  evelopment in 2669
  n Hungary 3030
  n USA 2669
  n USSR 147
  n lucerne
    in Hungary 3030
    in USSR 147
  arasites of 2669
scelis lineolata, clover phyllody, causal agent in, multiplication of 4889

Euscelis plebeja, rape green petal, causal agent in, transmission of 3225
Euscepes postfasciatus
  control of, insecticides for 1497
  in Brazil 1497
  on sweet potato, in Brazil 1497
Euschistus emoorei
  sp. n., description of 3437
  in Middle Americas 3437
Euschistus nicaraguensis
  sp. n., description of 3437
  in Middle Americas 3437
Euschistus servus, infra-specific populations of 2154
Euseius hibisci (see *Amblyseius*)
Eusemion cornigerum
  hyperparasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  in Czechoslovakia 3741
Eutetranychus banksi
  control of, acaricides for 5132
  in Venezuela 5132
Eutetranychus orientalis
  acaricide evaluation using 4938
  control of, acaricides for 583, 972, 1107
  in Egypt 583, 972, 1107, 3119
  in Mozambique 3213
  on *Citrus,* in Egypt 583, 972, 3119
  on guava, in Egypt 1107
  on orange, in Mozambique 3213
  preyed on by
    Acaropsis aegyptiaca 1007
    Chiapacheylus macrocorneus, in Egypt 3119
Eutetranychus peruvianus, on *Citrus,* in Venezuela 5132
Eutogenes africanus
  biology of 1383
  in Egypt 1383
  preying on, *Parlatoria blanchardii,* in Egypt 1383
Eutromula pariana
  biology of 4776
  fungi in, in Lithuania 3948
  in Romania 4776
  in USSR 3948
  on apple, in Romania 4776
Euxanthis hamana (see *Agapeta*)
Euxesta notata, control of, insecticides for 1643
Euxoa, taxonomy of 2969
Euxoa albipennis
  in Canada 2509
  in USA 2509
  taxonomy of 2509
Euxoa auxiliaris
  in USA 2004
  nonoccluded virus in, pathogenicity of 4425
  pox virus in, in South Dakota 2004
Euxoa campestris
  in Canada 2509

Euxoa campestris *contd.*
in USA 2509
taxonomy of 2509–2510
Euxoa declarata
in Canada 2509
in USA 2509
taxonomy of 2509–2510
Euxoa detersa
biology of 3691
control of, insecticides for 3691
in USA 3691
on maize, in Illinois 3691
on oats, in Illinois 3691
on soy bean, in Illinois 3691
on wheat, in Illinois 3691
on *Xanthium,* in Illinois 3691
Euxoa intracta
in India 2816
on sugar-beet, in Rajasthan 2816
Euxoa lillooet
in Canada 2509
in USA 2509
taxonomy of 2509
Euxoa messoria
control of
Bacillus thuringiensis for 3348
insecticides for 3348, 4920
in Canada 3348, 4920
on tobacco, in Ontario 3348, 4920
Euxoa nigricans, in UK 3218
Euxoa rockburnei
sp. n., description of 2509
in Canada 2509
in USA 2509
taxonomy of 2509–2510
Euxoa segetum (see *Agrotis*)
Euxoa spinifera (see *Agrotis*)
Euzophera bigella
parasitised by, *Bracon hebetor* 2878
taxonomy of, characters distinguishing *E. punicaeella* and 2983
Euzophera osseatella
biology of 631, 1132
in Egypt 632, 1132
on *Solanum melongena*
in Egypt 632, 1132
relation of morphology and susceptibility 632
Euzophera ostricolorella
biology of 3831
in USA 3831
on *Liriodendron tulipifera,* in USA 3831
Euzophera punicaeella, taxonomy of, characters distinguishing *E. bigella* and 2983
evallaspidis, Anthemus
Evallaspis ampelodesmae
biology of 1832
in Italy 1832
on *Ampelodesma tenax,* in Italy 1832
parasites of, in Italy 1832
evanescens, Trichogramma
evansi, Tetranychus
Evergestis forficalis
in UK 3221
on cruciferous crops, in UK 3221
eversi, Chavesia
evolans, Carcelia, (*Eucarcelia*)
Exaeretopus stipae
descriptions of 4279
development in 4279
in USSR 4279
on grasses, in Transcaucasia 4279
examinator, Pimpla (see *P. turionellae*)
exarmata, Eupareophora
excavata, Calpe, (*Oraesia*)
excavatus, Cavelerius, (*Macropes*)
excerptalis, Scirpophaga
excitans, Neodiprion
exclamationis, Agrotis
exempta, Spodoptera
Exenterus amictorius
in Austria 5188
parasitising, *Nematus pavida,* in Austri
5188
Exenterus marginatorius (see *E. amictori*
Exetastes cinctipes
biology of 3131
in Czechoslovakia 3131
parasitising, *Mamestra brassicae,* in Czechoslovakia 3131
Exidechthis canescens (see *Devorgilla*)
exigua, Atherigona
exigua, Frankliniella
exigua, Spodoptera, (*Laphygma*)
exiguae, Hyposoter
exiguus, Apanteles
exilicornis, Thrips
eximia, Hypera
Exitianus centralis
sp. n., description of 2736
in Uganda 2736
in Zaïre 2736
Exitianus exitiosus
in USA 4278
on *Cynodon dactylon,* in Louisiana 42
Exitianus occidentalis
sp. n., description of 2736
in Ghana 2736
on rice, in Ghana 2736
Exitianus turneri
taxonomy of
characters distinguishing *E. centralis* and 2736
characters distinguishing *E. occidenta*
and 2736
exitiosa, Aegeria, (*Sanninoidea*)
exitiosus, Exitianus
exitiosus, Nasutitermes
Exochomus, preying on, *Dactylopius indicus,* in Kenya 3650
Exochomus lituratus
in India 2674
in Pakistan 2674

chomus lituratus *contd.*
  eying on
    Adelges spp.
      in India 2674
      in Pakistan 2674
chomus quadripustulatus
  Italy 581
  USSR 2622
  ermithidae in, in Kazakhstan 2622
  eying on, *Ceroplastes rusci,* in Sicily 581
chomus uropygialis
  India 2674
  eying on, *Adelges* spp., in India 2674
chus decoratus scitulus
  USA 683
  rasitising, *Epinotia aceriella,* in New York 683
rista, parasitising, *Archips rosanus,* in ithuania 3950
rista fasciata
  Cyprus 3832
  Egypt 1314
  Spain 2672
  rasitising
    Lymantria dispar, and biological control using, in Massachusetts 2672
    Orgyia dubia, in Egypt 1314
    Thaumetopoea wilkinsoni, in Cyprus 3832
rista larvarum
  Spain 669
  rasitising
    Lymantria dispar, and biological control using, in Massachusetts 2672
    Thaumetopoea pityocampa, in Spain 669
rista rossica
  India 2672
  rasitising, *Lymantria dispar,* and biological control using, in Massachusetts 2672
rista segregata (see *E. fasciata*)
ristinae, in Caucasus 1377
eriment design and analysis 77
rimens, Pyrrhia
ecta, Formica
ertus, Agistemus
oletum, Praon
ensor, Ephialtes (see *E. punctulatus*)
ernus, Acarapis
repocnemis alacris
  iology of 4208
  India 4208
repocnemis plorans
  iology of 2638
  ispersal of 1363
  mbryonic development in 1367
  n Egypt 1363
  n USSR 2638
sarcoris fallax
  n Japan 1868

Eysarcoris fallax *contd.*
  on rice, in Japan 1868
Eysarcoris guttiger
  in Japan 1868
  on rice, in Japan 1868
Eysarcoris parvus
  in Japan 1868
  on rice, in Japan 1868
Eysarcoris ventralis
  in Japan 1868
  on rice
    damage caused by 518
    in Japan 1868
Faba vulgaris (see *Vicia faba*)
fabae, Aphis
fabae, Empoasca
faber, Ergates
fabia, Earias (see *E. vittella*)
Fabrics (*see* Textiles)
Fac (*see* Prothoate)
facialis, Empoasca
facialis, Pediobius
fagata, Operophtera
fagi, Phyllaphis
fagi, Rhynchaenus
Fagraea fragrans, *Bunaea alcinoe* on, in Nigeria 3283
Fagus
  Euproctis chrysorrhoea on, in France 565
  Melolontha melolontha on, in France 3623
  Phyllaphis fagi on, in Poland 684
  Phyllonorycter maestingella on, in UK 3280
  Stigmella basalella on, in Netherlands 2387
Fagus sylvatica
  Hylecoetus dermestoides on
    in Austria 4390
    in West Germany 2394
  Trypodendron domesticum on, in West Germany 2394
***Fagus* (timber),** *Lyctus brunneus* in, in Italy 1555
fairmairei, Trichogomphus
falcata, Atherigona
falki, Aphis
fallacis, Amblyseius, (*Neoseiulus*)
fallax, Bubekia
fallax, Eysarcoris
falli, Conoderus
familiaris, Amara
α-Farnesene (*see* 1,3,6,10-Dodecatetraene, 3,7,11-trimethyl-)
β-Farnesene (*see* 1,6,10-Dodecatriene, 7,11-dimethyl-3-methylene-)
Farnesinic acid, 10,11-epoxy- (*see* 2,6-Nonadienoic acid, 9-(3,3-dimethyloxiranyl)-3,7-dimethyl-)
Farnesol (*see* 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-)

Farnesyl methyl ether (*see* 2,6,10-Dodecatriene, 1-methoxy-3,7,11-trimethyl-)
Faroes, aphids in 2653
fasciata, Adoxophyes
fasciata, Exorista
fasciata, Prospaltella
fasciatopunctata, Adalia
fasciatum, Trichogramma
fasciatus, Aeolothrips
fasciatus, Chromoderus
fasciatus Dysdercus
fasciatus, Oncopeltus
fasciculatus, Araecerus
fascifrons, Macrosteles
Fast neutrons, effects of, on, *Adoxophyes orana* 3015
fatigans, Culex pipiens
Fats
in *Eublemma amabilis,* developmental changes in 4108
in *Holcocera pulverea,* developmental changes in 4108
Fatty acids
in *Dacus oleae,* developmental changes in 4599
in *Itoplectis conquisitor* 4597
in *Prionoplus reticularis* larvae, relation of flavour, food source and 2856
in *Vitula edmandsii* diet, effects on lipids of 2544
fausta, Rhagoletis
favosus, Cenopalpus
feae, Brachymeria
Feeding inhibitors (*see* Antifeedants)
Feeding stimulants (*see* Phagostimulants)
Fekama-Extra (*see* BHC (γ-isomer), with DDT)
Felixiella
gen. n. 3640
in Mozambique 3640
Felspar, in insecticidal dusts 2935
Feltia subterranea
in USA 649
on cotton, in Texas 649
femoralis, Hercinothrips
femoralis, Pedinus
femorata, Chrysobothris
femorata, Diapheromera
femorator, Cenocoelius
femoratum, Bembidion
femurrubrum, Melanoplus
Fenamiphos (*see* Phosphoramidic acid, (1-methylethyl)-, ethyl 3-methyl-4-(methylthio)phenyl ester)
Fenazaflor (phenyl 5,6-dichloro-2-(trifluoromethyl)-1*H*-benzimidazole-1-carboxylate)
against
Panonychus ulmi 5234
Tetranychus urticae 2848, 5234
in soil, residues of 1225, 1624
Fenchlorphos (*O,O*-dimethyl *O*-(2,4,5-trichlorophenyl) phosphorothioate)
against
Antispila rivillei 5117
Eurygaster spp. 5233
Recurvaria nanella 3723
Fenchone (*see* Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl-)
fenestralis, Horogenes
fenestralis, Nythobia
(*Angitia*)
(*Diadegma*)
Fenitrothion (*O,O*-dimethyl *O*-(3-methyl- nitrophenyl) phosphorothioate)
against
Acarus siro 1977
Agrotis ipsilon 2837
Amsacta moorei 209
Anthonomus piri 568
A. pomorum 560
aphids 3309
Aphis fabae 623
Azochis gripusalis 573
Chilo suppressalis 2471, 2730
Choristoneura fumiferana 1636
C. pinus 1636
Cydia delineana 1946
C. molesta 3080
C. pomonella 1094, 4296
Empoasca fabae 1495
Eurygaster spp. 1203
E. integriceps 1644, 2288
grasshoppers 982
Haplodiplosis equestris 5083
Heliothis armigera 630
Hydraecia micacea 2280
Hydrellia philippina 524
Hyphantria cunea 156
Lachnosterna consanguinea 4189
Laodelphax striatella 1044, 2730
Leucinodes orbonalis 4349
Leucoptera coffeella 3262
Liriomyza sativae 1204
Lobesia botrana 3717
Mamestra brassicae 3768
Megastigmus spermotrophus 2397
Melanoplus bivittatus 1431
M. differentialis 1431
M. femurrubrum 1431
Myzus persicae 1495
Nephotettix cincticeps 1044, 1200, 2730
Nilaparvata lugens 2730
Nycteola asiatica 2870
Panonychus ulmi 1091
Pegomya betae 623
Pentatomidae 126
pests of rice 4262
pests of stored grain 2883
Phthorimaea operculella 1495
Planococcus citri 3211
Plutella xylostella 2807

rothion *contd.*
  ainst *contd.*
    Prays oleae 1103
    Psylla vasilievi 3074
    Saissetia oleae 3756
    Scrobipalpa ocellatella 623
    Sogatella furcifera 2730
    Spodoptera frugiperda 3167
    S. littoralis 1882, 3395, 3777, 3978
    Taeniothrips sjostedti 5151
    Tetranychus urticae 784
    thrips 3309
    Thrips tabaci 1495
    Tryporyza incertulas 524
    Tyrophagus putrescentiae 1977
  termination of 1342
  rmulations of 779
  Aphidius, toxicity of 1243
  Beauveria bassiana, toxicity of 2440
  cabbage, effects of 3768
  cacao plantations, non-target effects of 5171
  Chrysopa carnea, toxicity of 1243
  Coccinella septempunctata, toxicity of 1243
  Encarsia formosa, toxicity of 1243
  Entomophthora, toxicity of 2440
  Metarhizium anisopliae, toxicity of 2440
  oranges, effects of 1223
  Perilloides bioculatus, toxicity of 1243
  Phytoseiulus persimilis, toxicity of 1243
  Pimpla naranyae, toxicity of 2296
  soil, effects on predators of 2949
  Spodoptera littoralis, effects of 4508
  wheat, residues of 2288
  esistance to, in
    Laodelphax striatella 3485
    Oryzaephilus mercator 3391
  ith carbaryl, and methomyl, in *Laodelphax striatella,* insecticide resistance induced by 3485
  ith DDT
    against
      pests of cotton 1521
      Spodoptera littoralis 3777
  ith dimethoate, against, *Planococcus citri* 3211
  ith dimethoate, and oil emulsion, against, *Planococcus citri* 3211
  ith malathion
    against
      Cavelerius saccharivorus 757
      Hydrellia philippina 524
      Tryporyza incertulas 524
  with oil emulsion, against, *Planococcus citri* 3211
  with phorate
    against
      Hydrellia philippina 524
      Tryporyza incertulas 524

Fenitrothion *contd.*
  with phosphamidon, against, *Choristoneura pinus* 1636
Fennel (*Foeniculum vulgare*)
  Hyadaphis coriandri on
    in Rajasthan 3148
    resistance to 3148
  Psila rosae on 2817
Fensulfothion (*O,O*-diethyl *O*-[4-(methylsulfinyl)phenyl] phosphorothioate)
  against
    Costelytra zealandica 5103
    Ctenicera aeripennis 1920
    Epilachna varivestis 3773
    Epitrix tuberis 2818
    Euxoa messoria 4920
    Hylemya antiqua 629, 1922
    H. brassicae 4804
    Lachnosterna crinita 125
    Limonius californicus 1920
    Liriomyza sativae 3772
    Psila rosae 3983, 4797
    soil insects 263
    Thrips tabaci 629
  in carrot, residues of 4797
  in dogs, toxicity of 5255
  in fowls, toxicity of 5255
  in granular formulations, determination of 1784
  in guineapigs, toxicity of 5255
  in *Lolium perenne,* uptake of 3706
  in *Lumbricus terrestris,* toxicity of 4963
  in mice, toxicity of 5255
  in plants, effects on herbicide metabolism of 1218
  in potato, residues of 2818
  in rats, toxicity of 5255
  in sheep, metabolism of 4017
  in soil
    determination of 3983
    persistence of 5243
    residues of 1643
  in soy bean, toxicity of 4339
  in swede, toxicity of 4804
  in tobacco, toxicity of 4920
  in *Trifolium repens,* uptake of 3706
  insecticidal activity of 5243
  nematicidal activity of 5243
  phytotoxicity of 5243
Fensulfothion sulfone (*see* Phosphorothioic acid, *O,O*-diethyl *O*-[4-(methylsulfonyl)phenyl] ester)
Fenthion (*O,O*-dimethyl *O*-[3-methyl-4-(methylthio)phenyl] phosphorothioate)
  against
    Acheta domesticus 2473
    Aelia spp. 1407
    Anastrepha fraterculus 5107
    Anomala rufocuprea 615
    Anthonomus piri 568
    Aphis craccivora 3774

Fenthion *contd.*
  against *contd.*
    Aphis contd.
    A. gossypii 3798
    Apion apricans 3714
    A. trifolii 3714
    Bemisia tabaci 1131
    Buprestidae 3818
    Ceratitis capitata 1458, 5107
    Chilo agamemnon 4269
    C. suppressalis 4015
    Chloropulvinaria floccifera 4366, 4484
    Cydia anaranjada 225
    C. pomonella 1094, 4296
    Dasineura pyri 3201
    Earias insulana 3787
    Empoasca spp. 1131
    E. decipiens 3774
    Eulecanium spp. 2699
    Euphyllura olivina 4477
    Eurygaster spp. 1203
    E. integriceps 4439
    Hydrellia spp. 2735
    Hypera postica 1443
    Lepidosaphes ulmi 4462
    Leucoptera coffeella 3262
    Liriomyza bryoniae 3929
    L. sativae 3772
    L. trifolii 3231, 3774
    Lobesia botrana 3717
    Myzocallis coryli 4289
    Myzus persicae 1131, 4457
    Nephotettix cincticeps 1200
    Ophiomyia phaseoli 3929
    Pegomya betae 3929
    Perotis lugubris 1081
    pests of lucerne 3708
    pests of rice 4262–4263
    Phthorimaea operculella 1131
    Prays oleae 1103–1104
    Psila rosae 3608
    Pyrilla perpusilla 1034
    Tetranychus arabicus 3774
    Thrips tabaci 1131
    Toxotrypana curvicauda 5137
    Tryporyza incertulas 4269
  in *Chlamydotheca arcuata,* toxicity of 4022
  in *Cypridopsis vidua,* toxicity of 4022
  in *Cyprinotus incongruens,* toxicity of 4022
  in rice, toxicity of 2735, 4269
  in rice-fields, non-target effects of 4015
  in spiders, toxicity of 5114
  in tea, residues of 4484
  use of, aerial application of 517
  with herbicides 4439
  with oil emulsion, against, *Leucoptera coffeella* 3262
  with protein bait
    against
      Anastrepha fraterculus 5107

Fenthion *contd.*
  with protein bait *contd.*
    against *contd.*
      Ceratitis capitata 1100, 5107
      Dacus oleae 3757, 5134
Fentin acetate ((acetyloxy)triphenylstannane)
  antifeedant for, *Spodoptera littoralis* 3423
  sterilant for, *Dysdercus cingulatus* 460
  with maneb
    antifeedant for
      Cydia pomonella 172
      Spodoptera littoralis 2833–2834
Fentin hydroxide (hydroxytriphenylstannane)
  against, *Spodoptera littoralis* 1930
  antifeedant for, *Spodoptera littoralis* 1590, 1818, 2833–2834, 3421–3422
  sterilant for, *Spodoptera littoralis* 2146 4605
Fenusa dohrnii, taxonomy of, characters distinguishing *Heterarthrus vagans* and 3671
Fenusa pusilla
  in Canada 2386, 4051
  natural enemies of 2871
  on *Betula,* in Canada 4051
fergusoni, Ceracia, (*Myothyria*)
Fern, leatherleaf (see *Polystichum adiantiforme*)
Fernos (*see* Pirimicarb)
Ferns, phenthoate in, toxicity of 216
feroides, Nabis
ferrealis, Hypsipyla
ferrierei, Metaphycus
Ferrisia virgata
  biology of 2157
  cacao swollen-shoot virus in, in Nigeria 4365
  in India 2828, 4229
  in Nigeria 4365
  in Philippines 2157
  on *Boehmeria nivea*
    damage caused by 2828
    in Assam 2828
  parasitised by, *Anysis alcocki,* in Philippines 2157
  preyed on by
    Chrysopa spp., in Madhya Pradesh 4229
    Menochilus sexmaculatus, in Philippin 2157
    Nephus regularis, in Madhya Pradesh 4229
  rearing of, techniques for 3058
Ferrisiana virgata (see *Ferrisia*)
ferrugata, Flata
ferruginea, Apogonia
ferruginea, Arachnophaga
ferrugineus, Cryptolestes
ferrugineus, Xyleborus

tilizers
  or cotton, effects on arthropod populations of 1524
  or crops, effects on pest incidence of 1600
  or *Cynodon dactylon,* effects on *Spodoptera frugiperda* feeding of 3674
  or maize
    effects on resistance to *Heliothis zea* of 2291
    effects on *Spodoptera frugiperda* feeding of 2291, 3674, 5091
    interacting with heptachlor 2042
  or potato, mixed with insecticides 626
  or rice
    effects on *Chilo agamemnon* of 1423
    effects on *Tryporyza incertulas* of 1423
  or sorghum
    effects on *Spodoptera frugiperda* feeding of 3674
    mixed with insecticides 5101
  or wheat, effects on *Sesamia* of 3159
***stuca,** Aelia germari* on, in Spain 1406
***stuca rubra,** Oscinella frit* on, in Denmark 2749
tucae, Acyrthosiphon, (*Metopolophium*)
taudi, Matsucoccus
edula hypoleuca, pesticides in, effects of 3406–3407
foliae, Rhyncaphytoptus
orum, Gynaikothrips
***us,** Selenaspidus articulatus* on, in Kenya 3650
us, Aceria
***us bengalensis,** Icerya aegyptiaca* on, in Pakistan 3123
us carica (see Fig)
us, Chrysomphalus (see *C. aonidum*)
***us costaricana,** Blastophaga* spp. pollinating, in Costa Rica 2649
***us hemsleyana,** Blastophaga* spp. pollinating, in Costa Rica 2649
us nitida
  Gynaikothrips ficorum on, in Florida 1953
  Mycetaspis personata on, in Egypt 2765
***us religiosa,** Icerya aegyptiaca* on, in Pakistan 3123
us retusa (see *F. nitida*)
us sycomorus
  Agistemus exsertus on, in Egypt 540
  Pauropsylla trichaeta on, in Egypt 4305
liobia rugosifrons
  n Canada 1447
  parasitising, *Hypera postica,* in Ontario 1447
eberiella florii
  n USA 4612
  on pear, in Oregon 4612
  on *Prunus,* in Oregon 4612
Fieberiella florii *contd.*
  on *Pyrus calleryana,* in Oregon 4612
  on *Pyrus pashia,* in Oregon 4612
  on rhododendron, in Oregon 4612
Fig (*Ficus carica*)
  Agistemus exsertus on, in Egypt 540
  Apogonia proxima on, in Rajasthan 3743
  Asterolecanium pustulans on, in Egypt 3178
  Azochis gripusalis on, in Brazil 573
  Ceroplastes rusci on, in Sicily 581
  Gynaikothrips ficorum on
    in Egypt 4060
    in Israel 4060
  Hemiberlesia lataniae on, in Egypt 3179
  Lachnosterna consanguinea on, in India 4189
  mites on, in Egypt 2841
  Planococcus citri on, in Turkmenia 546
  Rhyncaphytoptus ficifoliae on, in Egypt 1337
Fig mosaic virus, in, *Aceria ficus,* transmission of 3304
Fig, sycamore (see *Ficus sycomorus*)
figulilella, Ephestia, (*Cadra*)
Fiji, *Oryctes rhinoceros* in, on coconut 4765
fimbriata, Villa, (*Thyridanthrax*)
Finch, Bengalese (see *Lonchura striata*)
Finland
  Acyrthosiphon pisum in
    on pea 5237
    on *Vicia faba* 5237
  bees in, natural enemies of 4032
  Cydia pomonella in, on apple 4031
  Drosophila spp. in 4030
  Epirrita autumnata in, on *Betula* 2385
  Javesella pellucida in, natural enemies of 1332
  leafhoppers in, on grain crops 5084
  Lygus rugulipennis in, on sugar-beet 624, 5251
  Lymantria dispar in 4036
  Macrosiphum rosae in, on roses 4914
  Megalopyge spp. in, in imported bananas 4035
  Myelophilus minor in, on *Pinus* 4037
  M. piniperda in, on *Pinus* 4037
  Mymaridae in 4542
  Oligonychus ununguis in, on *Picea* 1960
  Operophtera brumata in, on *Betula* 2385
  O. fagata in, on *Betula* 2385
  Peridroma saucia in 1338
  pesticide use in 2940
  Philaenus spumarius in 4034
  Sitona decipiens in 59
  S. hispidulus in 59
  thrips in, on grain crops 2704
finlandicus, Amblyseius, (*Typhlodromus*)
Fiorinia theae
  control of, insecticides for 3263

Fiorinia theae *contd.*
  in USA 3263
  on camellia, in Alabama 3263
FIP (*see* Dimethoate)
Fir (see *Abies*)
Fir, alpine (see *Abies lasiocarpa*)
Fir, amabilis (see *Abies amabilis*)
Fir, balsam (see *Abies balsamea*)
Fir, Douglas (see *Pseudotsuga menziesii*)
Fir, Frazer (see *Abies fraseri*)
Fir, grand (see *Abies grandis*)
Fir, Manchurian (see *Abies holophylla*)
Fir, Nikko (see *Abies homolepis*)
Fir, silver (see *Abies alba*)
Fir, subalpine (see *Abies lasiocarpa*)
Fir, Todo (see *Abies sachalinensis*)
Fir, white (see *Abies concolor*)
fiscellaria, Lambdina
fischeri, Barbitistes
Fish
  DDT in, residues of 2492
  heptachlor in, residues of 2048
  mercury in, determination of 800
  organochlorines in, determination of 800
  pesticides in, residues of 1651
  trichlorphon in, determination of 928
Fish, dried, *Dermestes maculatus* in, development of 5203
Fish meal, diet component for, *Lardoglyphus konoi* 2999
Fitios (*see* Ethoate-methyl)
Fitofos (*see* Parathion)
flabellatus, Elasmus
Flacourtia indica, *Tuckerella murreensis* on, in Pakistan 2980
flammea, Panolis
Flata ferrugata
  in India 3720
  on grape vine, in Punjab 3720
Flatopsis nivea
  in Mauritius 214
  on tea, in Mauritius 214
flava, Altermetoponia, (*Inopus*)
flava, Anomis, (*Cosmophila*)
flava, Sipha
flavellus, Psallus
flavens, Enneothrips
flavescens, Empoasca
flavescens, Pogonognathellus
flavicollis, Kalotermes
flavicollis, Loxa
flavicorne, Praon
flavicoxis, Pimpla aquilonia
flavicrus, Scambus
flavipalpis, Thinophilus
flavipes, Anaphes
flavipes, Anthrenus
flavipes, Apanteles
flavipes, Aphelinus
flavipes, Apion (see *A. dichroum*)
flavipes, Meligethes
flavipes, Neodindymus
flavipes, Reticulitermes
flavipes, Xylocoris
flavitestacea, Phanerotoma
flaviventris, Neurotoma
flavocapitata, Eoeurysa
flavomaculata, Lioadalia, (*Adalia*)
Flavomycin
  against, *Aphis fabae* 769
  with terramycin, against, *Aphis fabae* 769
Flavonoids, in mango, not related to susceptibility to *Mycetaspis personata* 2790
flavus, Lasius
flavus, Metaphycus
flavus, Microterys
flavus, Tychius
Flax (*Linum usitatissimum*)
  pests of, in Uttar Pradesh 3296
  Spodoptera exigua on, development of 1360
floccifera, Chloropulvinaria, (*Pulvinaria*)
floccosus, Aleurothrixus
floralis, Hylemya
floralis, Plagionotus
florea, Apis
Florida
  Agromyzidae in 2960
    natural enemies of 2264
  Alternanthera philoxeroides in, *Vogtia malloi* for biological control of 1862
  Anastrepha suspensa in 4306
  Anticarsia gemmatalis in
    natural enemies of 202
    on soy bean 202, 4794, 5035
  ants in
    associated with aphids 445
    on soy bean 1855
  Aonidiella citrina in, on *Citrus* 188
  Aphis spiraecola in, on *Citrus* 1475
  Blepharida dorothea in 5051
  Blissus insularis in
    natural enemies of 3128
    on grasses 2304
  Chionaspis floridensis in, on *Fraxinus* 2388
  Chlorops spp. in
    natural enemies of 1068
    on grasses 1068
  Chrysomphalus aonidum in, on *Citrus* 188
  Coccus capparidis in, on *Citrus* 4640
  Contarinia sorghicola in, on sorghum 2301
  Cryptotermes brevis in 1398
  Ctenodactylomyia watsoni in, on *Coccoloba uvifera* 2592
  Cydia anaranjada in, on *Pinus* 225
  Dasiops passifloris in, on *Passiflora palli*
  2338
  Delphinia picta in, on rotting vegetation
  2591

rida *contd.*
  Elateridea in 1352
  Ephestia cautella in 2875
  Epilachna varivestis in
    natural enemies of 3654
    on soy bean 4794
  Eriophyes gardeniella in, on gardenia 4147
  Gasteracantha cancriformis in, natural enemies of 1099
  Gnophothrips fuscus in, on *Pinus* 691
  Gynaikothrips ficorum in
    natural enemies of 1953
    on *Ficus nitida* 1953
  Harrisina americana in, on grape vine 2587
  Heliothis virescens in, natural enemies of 3654
  H. zea in
    natural enemies of 3129, 3654
    on maize 1411
    on soy bean 4794
  Hyperodes humilis in, on maize 1041
  Idiogramma bridwelli in 1397
  Insulaspis gloverii in, on *Citrus* 188
  Lepidosaphes beckii in, on *Citrus* 188
  maize in, pests of 4707
  Manduca sexta in 4656
  mole-crickets in, in turf 2249
  Neodiprion excitans in
    natural enemies of 717
    on *Pinus* 717
  Panonychus citri in, on *Citrus* 2065
  Paradesmus coarctatus in 2229
  P. gracilis in 2229
  Parlatoria pergandii in, on *Citrus* 188
  Phenacaspis cockerelli in, on ornamental plants 2590
  Phyllocoptruta oleivora in, on *Citrus* 278, 2065
  Phytomyza spp. in
    natural enemies of 116
    on *Ilex* 116
  Phytoseiidae in 187
  Plathypena scabra in, on soy bean 4794
  Plodia interpunctella in 2875
  Poecilips rhizophorae in, on *Rhizophora mangle* 2593
  Pogonomyrmex badius in 2696
  Pseudaulacaspis pentagona in, on peach 177
  Pseudomyrmex gracilis in 2271
  Pseudoplusia includens in 4132
    natural enemies of 3129, 3654
  Rhagoletis cingulata in, on cherry 1896
  Rhizoecus americanus in, on ornamental plants 3812
  soil in, pesticide residues in 1652
  Solenopsis invicta in 989
  S. richteri in, natural enemies of 3654
  Spodoptera frugiperda in, on maize 88, 1411

Florida *contd.*
  Tetranychidae in 958
  Tetranychus urticae in
    on marigold 4000
    on peach 5129
  Trichoplusia ni in 4132, 4656, 5044
    on cabbage 3766
    on tobacco 3962
  T. oxygramma in 4132
  Trisetacus floridanus in, on *Pinus* 4148
  T. quadrisetus in
    on *Cedrus* 2589
    on *Juniperus* 2589
  Undulambia polystichalis in, on *Polystichum adiantiforme* 1146
  Urbanus proteus in, on *Phaseolus vulgaris* 610
Florida red scale (see *Chrysomphalus aonidum*)
floridanus, Agistemus
floridanus, Trisetacus
floridanus, Typhlodromus, (*Galendromus*)
floridensis, Ceroplastes
floridensis, Chionaspis
florii, Fieberiella
florilega, Hylemya
florus, Colpoclypeus
Fluenethyl (*see* Fluenetil)
Fluenetil (2-fluoroethyl [1,1′-biphenyl]-4-acetate)
  against
    Dysaphis plantaginea 2455
    Hyalopterus pruni 2455
    Myzus persicae 2455
    Panonychus ulmi 2455
  in apples, determination of 2187
  in mice, metabolism of 3467
  in *Musca domestica,* metabolism of 3467
  in pears, determination of 2187
  in technical products, determination of 2186
  in *Tetranychus urticae,* metabolism of 3467
Fluorescein, effects of, on, *Ceratomegilla maculata* 914
Fluorescent antibody technique, for studying *Bombyx mori* flacherie virus 3313
Fluorides, in atmosphere, effects on *Nuculaspis californica* on pine of 3820
foeniculi, Hyadaphis
Foeniculum vulgare (see Fennel)
Folic acid
  in *Itoplectis conquisitor,* dietary requirement for 350
  in *Myzus persicae,* role in wing formation of 5008
Folidol (*see* Parathion)
Folidol E-605 (*see* Parathion)
Folidol-M (*see* Methyl-parathion)
Folimat (*see* Omethoate)
Folithion (*see* Fenitrothion)

Folsomia candida, control of, insecticides for 1626
Fomes annosus
  in
    Hylobius abietis, surival of 1570
    Siricidae, in Belgium 458
Fonofos (*see* Dyfonate)
fonsecai, Migdolus
Food additives
  against
    Attagenus megatoma 4514
    Tribolium confusum 267
    Trogoderma variabile 4514
Food-chains 4673
Foodstuffs, pesticides in, residues of 4513
Forage (dried), insect susceptibility of 3864
Forchhammeria, *Amyelois transitella* on, in Costa Rica 3269
Forda hirsuta hirsuta
  in USSR 1110
  on barley, in Turkmenia 1110
Forest pests
  control of 1542
    bacteria for 835
    biological 843, 4852
    economics of 1215, 3843
    encouraging natural enemies for 674
  fungal control of 3289
  in Canada 2386
  in Colombia 1153
  in Georgia (USSR) 2853
  in Ukraine 3586
  in USSR 1541
  in West Germany 2396
  natural enemies of, in Quebec 2903
  outbreak potential of 812
  population dynamics of 3350
Forest trees, aphids on, in Romania 4845
Forests, oak-hornbeam, Heteroptera in 2251
forficalis, Evergestis
Forficula auricularia
  biology of 4193
  control of 4193
  in Australia 4193
  in East Germany 3739
  in Netherlands 2326
  in USSR 4770
  Nephridiophaga forficulae in 71
  on apple, in East Germany 3739
  preying on
    Cydia pomonella, in Moldavia 4770
    Lepidosaphes ulmi, in Netherlands 2326
Formaldehyde
  diet component for
    Chilo auricilius 4094
    Spodoptera littoralis 1790
    Wiseana spp. 1801
  fumigant for, virus-contaminated eggs of *Pieris brassicae* 2433
Formaldehyde *contd.*
  resistance to, in *Rickettsiella melolonthae* 739
  surface-sterilant for
    Heliothis virescens eggs 4424
    Trichoplusia ni eggs 3565
  polymer with urea, aldicarb slow-release formulations in granules of 3923
Formamide, *N*-(4-chloro-2-methylphenyl)-
  in cotton, chlordimeform product 2951
  in fruits, chlordimeform metabolite 2948
Formamide, *N,N*-dimethyl-, as solvent for timber preservatives 4407
Formetanate (*N,N*-dimethyl-*N′*-[3-[[(methylamino)carbonyl]oxy]phenyl]met hanimidamide)
  against
    Panonychus ulmi 2478
    Phyllocoptruta oleivora 278
    Tetranychus urticae 1076, 2848, 4528
  determination of 4642
  with Galecron
    against
      Panonychus ulmi 2924
      Tetranychus urticae 4528
  with Galecron, and methyl-demeton
    against, *Eriophyes vitis* 1885
    in *Eriopis connexa,* toxicity of 1885
Formica
  establishing new colonies of 4689
  protecting nests of 4688
Formica aquilonia
  in West Germany 5068
  preying on, *Pristiphora erichsonii,* in central Europe 5068
Formica exsecta, social structure in 2689, 3107
Formica fossaceps
  foraging activity in 104
  in Canada 104
Formica fusca
  habitats of 444
  group of, in Nearctic region 2506
Formica integra
  biology of 5056
  in USA 5056
Formica lemani, habitats of 444
Formica lugubris
  in Italy 446
  in West Germany 5068
  preying on, *Pristiphora erichsonii,* in central Europe 5068
Formica nigricans
  behaviour and feeding territory in 2688
  biology of 2217
  conservation of 2217
  Dufour's gland in, secretion of 1374
  in Italy 446
  in USSR 2217
Formica obscuripes
  in Canada 3649

***rmica obscuripes** contd.*
  nterfering with predators of *Toumeyella numismatica,* in Manitoba 3649
rmica picea, behaviour and feeding territory in 2688
rmica polyctena 5056
  control of forest pests using 1013
  iurnal rhythm in 2690
  Dufour's gland in, secretion of 1374
  stablishing new colonies of 4689
  ood-transmission activity in 1820–1821
  or forest protection 102–103
  n Netherlands 2687
  n USSR 103, 3942
  n West Germany 1013, 1820, 4381, 4690, 5068
  ntraspecific competition in 2687
  reying on
    Pristiphora erichsonii, in central Europe 5068
    Tortrix viridana, in West Germany 4690
    T. viridana parasites, in West Germany 4690
  rotecting nests of 4381, 4688
rmica pratensis (see *F. nigricans*)
rmica rufa 5056
  Dufour's gland in, secretion of 1374
  n Italy 446
  n Netherlands 2686
  n Spain 674
  n USSR 3942, 3947
  preyed on by, woodpeckers, in Netherlands 2686
  preying on
    forest pests, in Spain 674
    Pristiphora abietina, in Lithuania 3947
rmica rufibarbis, behaviour and feeding territory in 2688
rmica sanguinea subnuda
  foraging activity in 104
  in Canada 104
rmica sublucida
  foraging activity in 104
  in Canada 104
rmica subpilosa (see *F. rufibarbis*)
rmica truncorum, in Italy 446
rmica uralensis, behaviour and feeding territory in 2688
rmicarius, Cylas
rmicarius, Thanasimus
rmicinae, alarm pheromones in 2996
rmosa, Achrysocharella
rmosa, Encarsia
rmosana, Enarmonia
rmosanus, Chelonus
rmosanus, Coptotermes
rmosanus, Uroleucon, (*Dactynotus*)
rmosicola, Cryptothelea
rmosus, Apanteles

Formothion (*S*-[2-(formylmethylamino)-2-oxoethyl] *O,O*-dimethyl phosphorodithioate)
  against
    Aceria mangiferae 4783
    Antispila rivillei 5117
    Aphis gossypii 2367, 4013
    Bemisia tabaci 1131
    Cnaphalocrocis medinalis 3169
    Dacus oleae 1907
    Empoasca spp. 1131
    E. fabae 1495
    Eutetranychus orientalis 4938
    Hypera postica 1443
    Lygus rugulipennis 5251
    Myzus persicae 1131, 1495, 4457
    Parametriotes theae 5173
    pests of cotton 3789
    pests of squash 3771
    Phthorimaea operculella 1131, 1495
    Scaphoideus littoralis 2767
    Thrips tabaci 1131, 1495, 1933, 2367
  in *Aphidius,* toxicity of 1243
  in bean, metabolism of 1647
  in *Chrysopa carnea,* toxicity of 1243
  in *Coccinella septempunctata,* toxicity of 1243
  in cotton, toxicity of 2367
  in *Encarsia formosa,* toxicity of 1243
  in *Perilloides bioculatus,* toxicity of 1243
  in *Phytoseiulus persimilis,* toxicity of 1243
  in predatory insects, toxicity of 3578
  in *Xanthogramma aegyptium,* toxicity of 4013
  with amidithion
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
  with disulfoton, in cotton, toxicity of 2367
  with monocrotophos
    against
      Aphis gossypii 2367
      Thrips tabaci 2367
    in cotton, toxicity of 2367
  with oil emulsion, against, *Lepidosaphes malicola* 4292
  with phorate, in cotton, toxicity of 2367
fornicatus, Xyleborus
Foschlor (*see* Trichlorphon)
Fosfamid (*see* Dimethoate)
Fosferno M (*see* Parathion)
Fosfotion (*see* Malathion)
Fosfotox (*see* Dimethoate)
fossaceps, Formica
fossor, Clivina
Fostiol (*see* Methyl-parathion)
fotsyella, Odites
foveicollis, Aulacophora, (*Raphidopalpa*)
foveicollis, Bothynoderes

Fowl feedstuffs, dried larvae of *Hermetia illucens* as additive for 4194
Fowls (*Gallus domesticus*)
  aldicarb in
    metabolism of 273
    residues of 273
  calcium metabolism in, effects of DDT on 2926–2927
  carbaryl in, residues of 1648
  fensulfothion in, toxicity of 5255
  insecticide residues in, effects of cooking on 2046
  parathion in, effects of 3412
  pyrethrins in, toxicity of 2071
  trichlorphon in, determination of 928
fragaefolii, Chaetosiphon, (*Pentatrichopus*)
Fragaria, sawflies on, in USSR 548
Fragaria vesca, *Chaetosiphon fragaefolii* on 2986
fragariae, Macrosiphum, (*Sitobion*)
fragariae, Tarsonemus (see *T. pallidus*)
fragariae, Tarsonemus pallidus
fragilis, Pseudococcus (see *P. calceolariae*)
France
  Acrolepia assectella in, on leek 3779
  Acyrthosiphon pisum in
    natural enemies of 4763
    on lucerne 4763
  Adoxophyes orana in
    on apple 559
    on pear 559
  Agrotis ipsilon in, on *Cynara scolymus* 5138
  Aleurothrixus floccosus in, on *Citrus* 576, 4225
  Aphidiidae in 3428
  aphids in, natural enemies of 1255
  Aphis fabae in
    natural enemies of 4429
    on *Vicia faba* 4429
  A. gossypii in, on glasshouse crops 1766
  Apion apricans in, on *Trifolium* 3714
  A. trifolii in, on *Trifolium* 3714
  apple in, pest control on 2324
  Argyroploce lacunana in, on strawberry 4286
  Aulacorthum solani in, on glasshouse crops 1766, 3935
  Capitophorus horni in
    natural enemies of 1392
    on *Cynara scolymus* 1392
  Ceutorhynchus assimilis in, on rape 599
  Chironomidae in, on rice 3761
  Clivina fossor in, on maize 1042
  Cnephasia pumicana in
    natural enemies of 1849
    on barley 4743
    on wheat 4743
  Couchapelopsia melanops in, on *Nasturtium officinale* 3761
  Diprion pini in, on *Pinus* 681
  Drosophila melanogaster in 3320

France *contd.*
  Empoasca flavescens in, on grape vine 2767
  Epinotia cedricida in, natural enemies of 2902
  Euproctis chrysorrhoea in 565
  Hylemya antiqua in, on onion 1921
  H. brassicae in, on turnip 3778
  Kalotermes flavicollis in, on grape vine 4287
  Lobesia botrana in, on grape vine 2317
  lucerne in, pests of 3708
  Macrosiphum euphorbiae in, on glasshouse crops 1766
  market-garden crops in, pest control on 4500
  Matsucoccus feytaudi in
    natural enemies of 3356
    on *Pinus* 676, 3355–3356
  Melolontha melolontha in 3623
    natural enemies of 2435
  Metriocnemus spp. in, on *Nasturtium officinale* 3761
  Myzus persicae in, on glasshouse crops 1766, 3935
  Nasonovia ribisnigri in, on glasshouse crops 1766
  Nemapogon granellus in, in wine-bottle corks 722
  Oinophila v-flava in, in wine-bottle corks 722
  Oscinella frit in 1333
  O. pusilla in 1333
  Panonychus ulmi in
    natural enemies of 2657
    on apple 2657
  Pegomya betae in
    natural enemies of 3116
    on sugar-beet 3116
  Peridroma saucia in, on *Cynara scolymu* 5138
  Philanthus triangulus in 1850
  Phlogophora meticulosa in, on *Cynara scolymus* 5138
  Pinus in, pests of 667
  P. pinaster in, secondary pests of 3357
  P. sylvestris in, pests of 678
  Pseudococcus fragilis in 580
  Psila rosae in 3610
  Psylla pyri in, on pear 3457
  Pyrgomorpha conica in, natural enemies of 5067
  Reticulitermes lucifugus in, on grape vine 4287
  Rhagoletis cerasi in, on cherry 3740
  Scaphoideus littoralis in, on grape vine 2767
  Scutigerella immaculata in, on maize 4007
  Semiadalia undecimnotata in 3055
  Tetranychus urticae in, on glasshouse crops 3935

nce *contd.*
Thaumetopoea pityocampa in
natural enemies of 1162, 3352, 5046
on *Pinus* 3353
Trialeurodes vaporariorum in, on glasshouse crops 1766
Trioza alacris in, on *Laurus nobilis* 4074
Unaspis yanonensis in, on *Citrus* 3747
Yponomeuta padellus in
natural enemies of 4772
on apple 4772
Zeiraphera diniana in, on *Larix* 3354
ngulae, Aphis
nkliniella
ontrol of, insecticides for 4816
on cotton, in Texas 4816
nkliniella exigua
control of, insecticides for 1931
in USA 1931
on cotton, in Georgia (USA) 1931
nkliniella fusca
control of, insecticides for 1931
n USA 1931
on cotton, in Georgia (USA) 1931
nkliniella intonsa
light activity in 1811
n Hungary 1811
n South Korea 993, 2586
on *Citrus,* in South Korea 993
on *Hibiscus esculentus,* damage caused by 595
on ornamental plants, in South Korea 2586
on tomato, damage caused by 595
on *Trifolium repens,* in South Korea 993
ankliniella occidentalis
control of, insecticides for 3242
n USA 3242
on *Carthamus tinctorius,* in California 3242
ankliniella tenuicornis
biology of 2704
n Finland 2704
ankliniella tritici
control of, insecticides for 1931
in USA 1931
on cotton, in Georgia (USA) 1931
terculus, Anastrepha
aternus, Apanteles
aus simulans
biology of 4282
in Australia 4282
Metarhizium spp. in, pathogenicity of 4282
parasitised by, *Trichoma* spp., in Tasmania 4282
taxonomy of 3452
axini, Dasineura, (*Perrisia*)
axini, Psyllopsis
axinicola, Marmara
Fraxinus
Caloptilia syringella on, in Romania 4833
Chionaspis floridensis on, in Florida 2388
Rhopaloscelis spp. on, in USSR 3829
Fraxinus americana, Marmara fraxinicola on, in New York 1161
Fraxinus excelsior, Psyllopsis fraxini on, in UK 4234
Fraxinus pennsylvanica
Leperisinus californicus on, in North Dakota 1970
L. criddlei on, in North Dakota 1970
Marmara basidendroca on, in New York 1161
M. corticola on, in New York 1161
M. fraxinicola on, in New York 1161
freemani, Derostenus
freemani, Nepytia
Freesias
aphids on, in Bulgaria 660
Taeniothrips simplex on, in Bulgaria 660
French Antilles, Bruchidae in 2181
French Polynesia, plant pests and diseases in 1773
Fringillidae, preying on, *Pristiphora abietina,* in Lithuania 3947
frischella, Coleophora
frischii, Dermestes
frit, Oscinella, (*Oscinis*)
fritzi, Laciniogonus
froggatti, Brontispa longissima (see *B. longissima*)
froggatti, Haplothrips
Frogs, preying on, *Altermetoponia rubriceps,* in New South Wales 4734
Frontalin (*see* 6,8-Dioxabicyclo[3.2.1]octane, 1,5-dimethyl-)
1539
frontalis, Dendroctonus
Frontalure (*see* Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, with 1,5-dimethyl-6,8-dioxabicyclo[3.2.1]octane)
1955
1956
frontella, Agromyza
Fructofuranosidase, β-
in *Eriophyes kuko* galls on *Lycium chinense* 2824
in *Lymantria dispar,* effects of insecticides on 346
in *Malacosoma neustria,* effects of insecticides on 346
in *Mamestra brassicae,* effects of insecticides on 346
in *Solenopsis richteri,* localisation of 332
in sucking insects, physiological role of 3075
D-fructose
Chilo agamemnon responses to 1707

D-fructose *contd.*
  diet component for, *Lymantria dispar* 1351
  in *Anthonomus grandis,* metabolised to D-glucitol 4082
  in artificial diets, stimulating feeding by *Phoracantha semipunctata* 3276
  in *Gilpinia hercyniae* diet, utilisation of 3824
  in *Ips erosus* diet, needed for sexual maturation 4835
  in *Trichogramma,* dietary requirement for 4712
frugiperda, Spodoptera
Fruit, pest control in, γ-irradiation for 2077
Fruit crops, pest control on, integrated 3597
Fruit-flies
  control of, genetic 4909
  insecticide resistance in, release of susceptible insects to counter 4908
Fruit trees
  Leucoptera scitella on, in Iran 1892
  Lyonetia clerkella on, in Iran 1892
  Phyllonorycter blancardella on, in Iran 1892
  P. turanica on, in Iran 1892
Fruitamone™, attractant for, *Archips argyrospilus* 4653
Fruitol oil (*see* Oil emulsions)
Frumin Al (*see* Disulfoton)
frustrana, Rhyacionia
frutetorum, Diprion
frutetorum, Gilpinia
Ftalofos (*see* Phosmet)
Fucose (*see* Galactose, 6-deoxy-)
fugax, Bessa
fulginia, Mycalesis gotama
Fulgoridae, on *Ulmus,* in USA 3842
fulgoridis, Proleurocercus
Fulgoroidea, in Sudan 2083
fuliginosum, Allothrombium
fuliginosus, Dahlbominus
fuliginosus, Lasius
fullawayi, Biosteres, (*Opius*)
Fuller's earth
  bait component for, leaf-cutting ants 1819
  in insecticidal dusts 2935
fullo, Polyphylla
fullonia, Othreis
fullonica, Ophideres (see *Othreis fullonia*)
fultoni, Oecanthus
fulvescens, Theronia atalantae
fulvipes, Meligethes
fulvoniger, Dysdercus
fulvosignata, Epilachna
fulvus, Cardiochiles
fumida, Lymantria
fumida, Rodolia
fumiferana, Choristoneura
fumiferanae, Apanteles
fumiferanae, Glypta
Fumigants, residues of 293
Fumigation, polyethylene covers for use during 1587
Fundal (*see* Galecron)
Fundal Forte (*see* Formetanate, with Galecron)
Fundal SP (*see* Galecron)
Fundex forte (*see* Formetanate, with Galecron)
Fundex 800 (*see* Formetanate, with Galecron)
funebrana, Cydia, (*Grapholitha*)
funeralis, Desmia
funesta, Oxythyrea
Fungi Imperfecti, insecticidal activity of extracts of 4244
fungus, Gnophothrips
fur, Ptinus
Furadan (*see* Carbofuran)
2-Furancarboxaldehyde, in *Pinus* timber, repellent for termites 1021
furcifera, Sensoriaphis
furcifera, Sogatella
Furfural (*see* 2-Furancarboxaldehyde)
4*H*-furo[2,3-*h*]-1-benzopyran-4-one, 2-(1,3-benzodioxol-5-yl)-3-methoxy-, synergist for, pyrethrins 2066
Fusarium
  in
    Archips rosanus, in Lithuania 3950
    hops, in UK 2280
    orchard pests, in Lithuania 3948
Fusarium javanicum, associated with, *Xyleborus dispar,* in West Germany 2394
Fusarium oxysporum, in tulip bulbs, effects of 3307
Fusarium poae
  in
    Siteroptes avenae, in Poland 3172
    S. graminisugus, in Poland 3172
fusca, Busseola
fusca, Formica
fusca, Frankliniella
fusca, Lachnosterna, (*Phyllophaga*)
fuscedinella, Coleophora (see *C. serratella*)
fuscicollis, Ageniaspis, (*Encyrtus*)
fuscicornis, Pemphigus
fuscipennis, Anaphes
fuscipennis, Aphelinus
fuscipennis, Dahlbominus (see *D. fuliginosus*)
fuscipennis, Diodontus, (*Psenulus*)
fuscipennis, Philonthus
fuscipes, Calathus
fuscipes, Orthoporus
fuscofemoralis, Psammotermes
fusculus, Alaptus
fuscus, Anthrenus
Futna (see *Acacia farnesiana*)

- **27550** (*see* 4-Pyrimidinol, 6-methyl-2-(1-methylethyl)-)
- ***bani, Pseudococcus*** (see *P. calceolariae*)
- **lactitol,** in *Anthonomus grandis,* metabolite of D-galactose and lactose 4082
- ***lactopus, Tetrastichus***
- **galactose,** in *Anthonomus grandis,* metabolised to galactitol 4082
- **Galactose, 6-deoxy-,** *Plodia interpunctella* feeding response to 371
- **lecron** (chlordimeform, chlorphenamidine, Fundal, *N'*-(4-chloro-2-methylphenyl)-*N,N*-dimethylmethanimidamide)
  - against
    - *Chilo suppressalis* 2471, 2730
    - *Ennomos subsignarius* 1898
    - *Hyperodes humilis* 1041
    - *Lymantria dispar* 1898
    - *Marmara* spp. 579
    - *Myzus persicae* 194
    - *Oligonychus indicus* 4527
    - *Panonychus ulmi* 1458, 1462, 2924
    - *Phyllocoptruta oleivora* 2782
    - *Pieris rapae* 1481–1482, 5142–5143
    - *Plutella xylostella* 1481, 5143
    - *Polyphagotarsonemus latus* 5131
    - *Saissetia oleae* 3755
    - *Spodoptera littoralis* 3253
    - *Tetranychus urticae* 1462, 4528, 5129
    - *T. viennensis* 1085, 4464
    - *Trichoplusia ni* 1481–1482, 2806, 5142–5143
    - *Tryporyza incertulas* 3701
  - formulations of 3701
  - in apple, residues of 2947–2948
  - in apple orchards, effects on mites of 1462
  - in cherry
    - residues of 2947–2948
    - toxicity of 161
  - in *Chilo suppressalis,* not inhibiting esterases 2471
  - in *Citrus,* effects on mites of 3744
  - in cotton, metabolism of 2951
  - in *Lycosa pseudoannulata,* toxicity of 2734
  - in peach, residues of 2947–2948
  - in pear, residues of 2947–2948
  - in plum, residues of 2947–2948
  - in predatory insects, toxicity of 3578
  - in *Stethorus nigripes,* toxicity of 4532
  - in strawberry, residues of 2947–2948
  - in *Tetranychus urticae,* effects of 2985
  - mode of action of 2057
  - repellent for
    - *Ennomos subsignarius* 1898
    - *Lymantria dispar* 1898
  - resistance to, in
    - *Panonychus ulmi,* in South Korea 2924
- **Galecron** *contd.*
  - resistance to, in *contd.*
    - *Tetranychus urticae* 766
      - in South Korea 2924
  - with *Bacillus thuringiensis*
    - against
      - *Pieris rapae* 1482, 5142–5143
      - *Plutella xylostella* 5143
      - *Trichoplusia ni* 1482, 5142–5143
  - with formetanate
    - against
      - *Panonychus ulmi* 2924
      - *Tetranychus urticae* 4528
  - with formetanate, and methyl-demeton
    - against, *Eriophyes vitis* 1885
    - in *Eriopis connexa,* toxicity of 1885
- ***Galendromus floridanus*** (see *Typhlodromus*)
- ***Galenia africana, Conicosoma gracile*** on, in South Africa 305
- ***Galeruca daurica***
  - biology of 1130
  - in USSR 1130
  - on garlic, in Buryatia 1130
  - on onion, in Buryatia 1130
- ***Galerucella placida*** (see *Pyrrhalta*)
- **Galerucinae**
  - in Poland 2974
  - zonal distribution of, in Altai region 3545
- ***galicheti, Peridontopyge***
- ***gallarum, Haplothrips***
- ***gallarumtiliae, Eriophyes*** (see *E. tiliae*)
- ***gallarumulmi, Anthocoris***
- ***Galleria mellonella***
  - *Bacillus thuringiensis* in, effects of 3006
  - *Basidiobolus* spp. in, pathogenicity of 2443
  - control of, juvenile hormone analogues for 1720
  - cuticle in, effects of fungal enzymes on 1188
  - densonucleosis virus in
    - effects of 26, 884
    - properties of 2431
  - ecdysterone in, effects of 894
  - energy budget of 2117
  - *Enterobacter cloacae* in, effects of 1997
  - *Entomophthora destruens* in, infectivity of 2442
  - *E. thaxteriana* in, infectivity of 2442
  - enzymes in 1704, 2993
  - first thoracic ganglion in, neurosecretory cells in 2099
  - gonad function in 2549
  - haemolymph of 1737
    - inducing oviposition in parasite 1713
  - in Egypt 4397
  - in bee hives, in Egypt 4397
  - interganglionic connectives in, effects of ecdysone analogues on 3002
  - intestinal flora in 387–388

- ***Galleria mellonella*** *contd.*
  - juvenile hormone analogues in, metabolic stability of 1290
  - larval development in
    - effects of ecdysterone on 1721
    - effects of juvenile hormone analogues on 1721
  - nervous system in 1704
  - Nodamura virus in, pathogenicity of 742
  - *Nosema invadens* in, infectivity of 5224
  - nuclear polyhedrosis virus in, effects of 244
  - ovarian tissue of, effects of pteridines on 891
  - ovaries in, effects of moulting hormone on 893
  - parasitised by
    - *Itoplectis naranyae* 5231
    - *Lixophaga diatraeae* 2260
      - but unsuitable for mass rearing 4668
    - *Pales pavida* 2658
    - *Pimpla aquilonia* 2664
    - *P. naranyae* 2296
    - *P. turionellae* 2664
    - *Tetrastichus israeli* 5231
  - preyed on by, *Melichares keegani* 4862
  - proteins in 1737
    - effects of ecdysone on synthesis of 37
  - reproduction in 3455
  - reproductive system in, effects of densonucleosis virus on 4896
  - RNA in 916
  - *Serratia marcescens* in, effects of 1997
  - sterilisation of, γ-irradiation for 2532
  - *Tipula* iridescent virus in 1991
    - effects of 26, 4893, 5226
- **Gallic acid** (*see* Benzoic acid, 3,4,5-trihydroxy-)
- ***galloprovincialis, Monochamus***
- ***Gallus domesticus*** (see Fowls)
- **Gambia,** *Oryzaephilus mercator* in 3391
- ***Gambrus ultimus*** (see *Agrothereutes*)
- ***gamma, Autographa***
  - (*Phytometra*)
  - (*Plusia*)
- **Gammalin** (*see* BHC (γ-isomer))
- **Gammaxine** (*see* BHC (γ-isomer))
- ***Gampsocoris pulchellus***
  - biology of 2810
  - in India 2810
  - on *Lagenaria siceraria,* in India 2810
- **Gardenia,** *Eriophyes gardeniella* on, in Florida 4147
- ***gardeniella, Eriophyes***
- **Gardona** (*see* Tetrachlorvinphos)
- **Garlic** (*Allium sativum*)
  - *Cryptoblabes gnidiella* on, in Egypt 4609
  - *Hylemya platura* on, in Turkey 4444
  - pests of, in Buryatia 1130
  - *Scatopse* spp. on 4446
- **Garlic (stored bulbs),** bromomethane in, residues of 4016
- ***Gascardia,*** parasitised by, *Metaphycus vanderplanki,* in South Africa 314
- ***Gascardia constricta***
  - sp. n., description of 860
  - in Angola 860
  - on *Elaeis guineënsis,* in Angola 860
- ***Gascardia destructor***
  - in Australia 4307
  - in New Zealand 1809
  - in Uganda 4064
  - on avocado, in Queensland 4307
  - on *Citrus*
    - in New Zealand 1809
    - in Uganda 4064
  - parasitised by, *Metaphycus ferrierei,* in Uganda 4064
- ***Gasteracantha cancriformis***
  - biology of 585
  - in USA 585, 1099
  - preyed on by
    - *Arachnophaga ferruginea,* in Florida 1099
    - *Phalacrotophora epeirae,* in Florida 1099
- ***Gasteruption terrestre,*** in Romania 663
- ***Gastrimargus musicus***
  - in Australia 4276
  - on sorghum, in Queensland 4276
- **GC-8163** (*see* Propane, 1,2,2,3-tetrachloro-1,1,3,3-tetrafluoro-) 4939
- **GC-9160** (*see* 1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-, ethyl ester)
- **GC-9245** (*see* Propane, 1,1,2,2,3-pentachloro-1,3,3-trifluoro-) 4939
- **Gebutox** (*see* Dinoseb-ammonium)
- **Gel diffusion tests**
  - for comparing insect viruses 5213
  - for comparing *Manduca sexta* cuticle and haemolymph proteins 2997
  - for comparing milky disease agents 331
- **Gelatin**
  - stabilising *Pieris brassicae* granulosis viru 741
  - stabilising *Spodoptera litura* nuclear polyhedrosis virus 737
- **Gelatin foams,** bait component for, leaf-cutting ants 1819
- ***Gelechia magnetella***
  - in USSR 3805
  - on Malvaceae, in Azerbaijan 3805
- ***Gelis,*** hyperparasitising, Tortricidae, in Poland 1079
- ***Gelis apantelis***
  - in USA (Alaska) 2259
  - parasitising
    - *Acleris gloverana,* in Alaska 2259
    - *Neodiprion tsugae,* in Alaska 2259

lis tenellus
- n USA (Alaska) 2259
- parasitising, *Neodiprion tsugae,* in Alaska 2259

mellatus, Lygus

minata, Solenopsis

mmarum, Schmidtiella

mmatalis, Anticarsia

netic control 4111, 4909
- linked to reintroduction of insecticide susceptibility 4908

niculatus, Atrometus

niculella, Phyllonorycter

enista, *Aelia germari* on, in Spain 1406

eocoris
- in strawberry fields, in California 4053
- parasitised by, *Telenomus reynoldsi,* in California 4053

eocoris pallens
- in USA 1520, 1524, 4053, 4818, 5166
- in cotton fields, in California 4053
- in lucerne fields, in California 4053
- parasitised by, *Telenomus reynoldsi,* in California 4053
- preying on
  - *Lygus hesperus,* in California 1524
  - *Pectinophora gossypiella,* in California 4818
  - *Spodoptera exigua,* in California 1520
  - *Trichoplusia ni,* in California 5166

eocoris punctipes
- in USA 4053, 4816, 4818
- in cotton fields, in California 4053
- in lucerne fields, in California 4053
- insecticides in, toxicity of 4816
- parasitised by, *Telenomus reynoldsi,* in California 4053
- preying on, *Pectinophora gossypiella,* in California 4818

eodiaspis arundinariae
- gen. et sp. n., description of 2
- in USA 2
- on *Arundinaria,* in Georgia (USA) 2

eoica lucifuga
- in USSR 1110
- on wheat, in Turkmenia 1110

eometridae
- in Yugoslavia 4934
- preyed on by, *Synharmonia* spp., in Uzbekistan 5254
- traps for 4171

eorgia
- *Aculus cornutus* in, on peach 4304
- *Alternanthera philoxeroides* in, *Vogtia malloi* for biological control of 1862
- *Anticarsia gemmatalis* in, on soy bean 4794
- *Contarinia sorghicola* in, on sorghum 4275, 5100
- *Corthylus columbianus* in, on *Acer* 226
- *Cydia molesta* in 2200
  - on peach 2542

Georgia *contd.*
- *Dendroctonus frontalis* in, on *Pinus* 4957
- *Diaphania nitidalis* in, on squash 4328
- Diaspididae in 5039
- *Dioryctria* spp. in, on *Pinus* 4843
- *D. taedae* in, on *Pinus* 4061
- *Eotetranychus hicoriae* in, on pecan 3721
- *Ephestia cautella* in 2875
- *Epilachna varivestis* in, on soy bean 4794
- *Eucosma cocana* in, on *Pinus* 4843
- *Formica integra* in 5056
- *Frankliniella exigua* in, on cotton 1931
- *F. fusca* in, on cotton 1931
- *F. tritici* in, on cotton 1931
- *Geodiaspis arundinariae* in, on *Arundinaria* 2
- *Heliothis virescens* in
  - on cotton 4823
  - on maize 4823
  - on pecan 4290
- *H. zea* in
  - on cotton 4823
  - on maize 2725, 4823, 5090
  - on pecan 4290
  - on soy bean 4794
- *Hypera postica* in, natural enemies of 5105
- *Lambdina pellucidaria* in, on *Pinus* 3835
- *Leptoglossus corculus* in, on *Pinus* 4843
- *Melittia cucurbitae* in, on squash 4328
- *Monellia* spp. in, on pecan 3721
- *Nepytia semiclusaria* in, on *Pinus* 2390, 3835
- *Phylloxera notabilis* in, on pecan 3722
- *Phytomyza vomitoriae* in
  - natural enemies of 481
  - on *Ilex vomitoria* 481
- *Pieris rapae* in, on cabbage 5143
- *Plathypena scabra* in, on soy bean 4794
- *Plodia interpunctella* in 2875
- *Plutella xylostella* in, on cabbage 5143
- *Rhyacionia frustrana* in, on *Pinus* 4843
- scale insects in, on grasses 3705
- *Sericothrips variabilis* in, on cotton 1931
- *Solenopsis invicta* in 989
- sorghum in, pests of 3702
- *Thrips tabaci* in, on cotton 1931
- *Tribolium castaneum* in, in stored groundnuts 5207
- *Trichoplusia ni* in, on cabbage 5143

georgianus, Archips

georgica, Craspedolepta

georgii, Lithophane

Geranial (*see* 2,6-Octadienal, 3,7-dimethyl-, (*E*)-) 2132

Geraniol (*see* 2,6-Octadien-1-ol, 3,7-dimethyl-)

germaini, Seriocoides

German Democratic Republic
- aphids in, on potato 1238
- *Aphis fabae* group in 2585
- *Bupalus piniarius* in 821
- Ceutorhynchinae in 865
- *Cydia pomonella* in, on apple 3739
- *Euproctis chrysorrhoea* in, on pear 3739
- *Forficula auricularia* in, on apple 3739
- *Iridomyrmex humilis* in 4214
- *Lasius brunneus* in 3110
- *Leptinotarsa decemlineata* in 838
- mites in, on apple 1087
- *Monomorium pharaonis* in 3637
- Psocoptera in 2403
- *Rhagoletis cerasi* in, on cherry 160
- *Thaumetopoea processionea* in 5182

German Federal Republic
- *Aceria essigi* in, on blackberry 3183
- *Acyrthosiphon dirhodum* in, on grain crops 124
- *Adelges abietis* in, on *Picea* 3836
- agricultural land in, pesticide residues in 807
- ants in 1820
- *Aphis fabae* in, on *Vicia faba* 3230
- *Apion* spp. in, on leguminous crops 197
- birds in, on maize 5089
- *Bupalus piniarius* in, on *Pinus* 711, 4841
- *Calepitrimerus vitis* in
  - natural enemies of 5116
  - on grapevine 5116
- cereals in, insecticide residues in 1634
- Coleoptera in, in imported timber 2890
- Curculionidae in 4622
- *Dasychira pudibunda* in, on hardwood trees 4841
- *Dendrolimus pini* in, on *Pinus* 711, 4841
- *Dioryctria schuetzeella* in, on *Picea* 2511
- *Diprion pini* in, on *Pinus* 711, 4841
- *Enarmonia formosana* in, on cherry 1459–1460, 1470
- *Epinotia tedella* in
  - natural enemies of 4383
  - on *Picea* 4383
- *Eriophyes vitis* in
  - natural enemies of 5116
  - on grape vine 1885, 5116
- forest pests in 1013, 2396
- forest protection in 2402
- *Formica polyctena* in 1013
- fruit in, insecticide residues in 1634
- *Glycyphagus domesticus* in 1828
- *Haplodiplosis equestris* in, on wheat 1405
- *Hylecoetus dermestoides* in, on *Fagus* 2394
- *Hylemya coarctata* in 1919
- *Hylotrupes bajulus* in, in timber 1556
- *Hylurgops palliatus* in, on *Picea* 710
- *Ips chalcographus* in, on *Picea* 710
- *I. typographus* in, on *Picea* 710
- *Kleemannia pavida* in 1828

German Federal Republic *contd.*
- *Kleemannia contd.*
- *K. plumigera* in 1828
- *K. plumosa* in 1828
- *Lymantria monacha* in
  - on *Picea* 3838
  - on *Pinus* 711, 4841
- *Macrosiphum avenae* in, on grain crops 124
- *M. euphorbiae* in, on potato 206
- *Myelophilus piniperda* in 4840
- *Myzus humuli* in, on hop 4731–4732
- *M. persicae* in, on potato 206
- *Napomyza carotae* in, on carrot 1124
- *Oscinella frit* in
  - in lawns 145
  - on maize 2723, 5089
- *Panolis flammea* in, on *Pinus* 711, 4841
- *Panonychus ulmi* in
  - on apple 2772
  - on grapevine 5116
- *Pegomya hyoscyami* in, on potato 205
- *Pemphigus bursarius* in, on lettuce 2346
- *Pergamasus crassipes* in 3839
- *Pristiphora erichsonii* in, natural enemies of 5068
- *Proctolaelaps hypudaei* in 1828
- *Rhopalosiphum padi* in, on grain crops 124
- *Rhyacionia buoliana* in, on *Pinus* 3823
- *Sitona* spp. in, on leguminous crops 197
- *Synergus clandestinus* in, on *Quercus* 2867
- *Tetranychus urticae* in, on grapevine 5116
- Tortricidae in, on apple 3736
- *Tortrix viridana* in
  - natural enemies of 1386, 4690
  - on *Quercus* 1386
- *Trypodendron domesticum* in, on *Fagus* 2394
- *T. lineatum* in, on *Picea* 710
- *Typhlodromus barkeri* in 1828
- *Tyrophagus putrescentiae* in 1828
- vegetables in, insecticide residues in 1634
- water in, pesticide residues in 3415
- *Xyleborus dispar* in, on *Acer* 2394

germanica, Blattella

***germanica, Vespula,* (*Paravespula*)**

germari, Aelia

Gesarol (*see* DDT)

Ghana
- ants in, on cacao 484
- *Bathycoelia thalassina* in
  - natural enemies of 4824
  - on cacao 4824
- cotton in, pests of 4361
- *Distantiella theobroma* in 5028–5029
- *Exitianus occidentalis* in, on rice 2736
- forest pests in, natural enemies of 3289
- rice in, pests of 5099
- *Sahlbergella singularis* in 5029

ana *contd.*
  stored grain in, pests of 3853
erkin (*see* Cucumber and gherkin)
berellins, in radish, effects of *Myzus persicae* on 2351
bbium psylloides, in *Hibiscus cannabinus* seeds, unable to develop 2425
obosa, Clavigralla
berellic acid, in *Citrus*, effects on mites of 3744
leon, Dynastes
leon, Xylotrupes
fardianus, Tetrastichus
fardii, Dirhinus
gantea, Euchroma
gas, Megarhyssa
gas, Urocerus
lpinia frutetorum, haemocytes in 4066
lpinia hercyniae
  excreta of, relation of *Picea* composition and 3824
  neuroendocrine organs in 867
  nuclear polyhedrosis virus in, effects of 26
lpinia verticalis
  biology of 3815
  in Sweden 3815
  on *Pinus sylvestris*, in Sweden 3815
lvifolia, Atherigona
lvifrons, Stethorus
ipsy moth (see *Lymantria dispar*)
iraudiella inclusa
  biology of 490
  in Romania 490
  on reeds, in Romania 490
raulti, Chrysocharis
abrata, Ametastegia
abrum, Trogoderma
adiaria, Agrotis
adstoni, Melanoplus
lasshouses, pest control in 3935
liricidia maculata (see *G. sepium*)
liricidia sepium, *Aphis craccivora* on, in Madras 1846, 2356
lischrochilus quadripunctatus
  attraction of, to *Myelophilus piniperda* pheromone 4840
  in West Germany 4840
lischrochilus quadripustulatus (see *G. quadripunctatus*)
lischrochilus quadrisignatus
  attraction of, to sucrose sprays 5072
  in USA 5072
  preying on, *Ostrinia nubilalis*, in Minnesota 5072
lobiceps, Haplothrips
lobosa, Cistogaster
lobulins, immune, M, to picornaviruses, in mammals 3325
lobulus, Trigonogenius
lomeratus, Apanteles
loverana, Acleris
glovèrii, Insulaspis, (*Lepidosaphes*)
Glucagon, in sheep, effects on DDT residues of 3405
D-glucitol
  in *Anthonomus grandis*
    metabolite of D-fructose 4082
    metabolite of D-glucose 4082
β-D-Glucopyranose, 1-thio-, 1-[*N*-(sulfooxy)-3-butenimidate], monopotassium salt, aphid feeding responses to 1701
α-D-glucopyranoside, β-D-fructofuranosyl (saccharose; sucrose)
  aphid transmission of PEMV from solutions of 234
  Chilo agamemnon responses to 1707
  diet component for
    Autographa gamma 4088
    Dacus oleae 5047
    Eurygaster integriceps 2206
    Hylemya brassicae 4131
    Hypera postica 4661
  in apholate formulations 2142
  in artificial diets, stimulating feeding by *Phoracantha semipunctata* 3276
  in attractant sprays for predatory insects 5072
  in *Cornus florida* leaves, effects of *Aegeria scitula* infestation on 3834
  in *Gilpinia hercyniae* diet, utilisation of 3824
  in *Hirsutella thompsonii*, dietary requirement for 2003
  in *Ips erosus* diet, needed for sexual maturation 4835
  in *Phoracantha semipunctata*, yeasts aiding utilisation of 3277
  in plants, not affecting fecundity in *Tetranychus urticae* 3026
  in *Scirpophaga nivella*, dietary requirement for 3000
  in *Spodoptera littoralis* diet, as phagostimulant 4155
  in sugar-beets, effects of cycloate-disulfoton treatments on 4012
  Plodia interpunctella responses to 371
  with insecticides, against, aphids 612
  with linoleic acid, *Plodia interpunctella* responses to 371
  with oleic acid, *Plodia interpunctella* responses to 371
  with palmitic acid, *Plodia interpunctella* responses to 371
α-D-glucopyranoside, α-D-glucopyranosyl (trehalose)
  in *Anthonomus grandis* haemolymph 4082
  in *Hyalophora cecropia* haemolymph, regulation of 2533
  in *Malacosoma californicum*, effects of JH mimics on utilisation of 1304
  in *Manduca sexta* haemolymph, effects of starvation on 2168

α-D-glucopyranoside, α-D-glucopyranosyl *contd.*
  in *Pterostichus brevicornis* haemolymph 365

D-glucose
  Chilo agamemnon responses to 1707
  culture-medium component for, *Conidiobolus* spp. 1182
  diet component for
    Epiphyas postvittana 4663
    Ostrinia nubilalis 1353
    Piophila casei 5205
  in *Anthonomus grandis,* metabolised to D-glucitol 4082
  in artificial diets, stimulating feeding by *Phoracantha semipunctata* 3276
  in *Gilpinia hercyniae* diet, utilisation of 3824
  in *Hirsutella thompsonii,* dietary requirement for 2003
  in *Ips erosus* diet, needed for sexual maturation 4835
  in *Itoplectis conquisitor,* dietary requirement for 350
  in *Locusta migratoria,* egg-shell permeability to 1817
  in *Lymantria dispar,* effects of insecticides on metabolism of 4104
  in *Malacosoma californicum,* effects of JH mimics on utilisation of 1304
  in *Malacosoma neustria,* effects of insecticides on metabolism of 4104
  in *Manduca sexta* haemolymph, effects of starvation on 2168
  in *Pterostichus brevicornis* haemolymph 365
  in *Scirpophaga nivella,* dietary requirement for 3000
  in soil, effects on insecticide persistence of 4027
  in *Teleogryllus commodus,* egg-shell permeability to 1817
  in *Trichogramma,* dietary requirement for 4712

D-glucose, 4-*O*-β-D-galactopyranosyl- (lactose)
  Chilo agamemnon responses to 1707
  in *Anthonomus grandis,* metabolised to galactitol 4082

D-glucose, 6-*O*-α-D-galactopyranosyl- (melibiose)
  Plodia interpunctella responses to 371

D-glucose, 4-*O*-α-D-glucopyranosyl- (maltose)
  in *Gilpinia hercyniae* diet, utilisation of 3824
  in *Phoracantha semipunctata,* yeasts aiding utilisation of 3277
  Plodia interpunctella responses to 371

Glucosidase, α-, in *Macrotermes mossambicus* gut 2273

D-glutamic acid
  in *Locusta migratoria* gut wall, metabolism of 2641
  in *Schistocerca gregaria* gut wall, metabolism of 2641

L-glutamic acid
  in cabbage, increased by fenitrothion sprays 3768
  in *Dysdercus fasciatus,* metabolism of 3001
  in *Gilpinia hercyniae,* effects of viruses on 26
  in *Lambdina fiscellaria,* effects of viruses on 26
  in *Locusta migratoria* gut wall
    metabolism of 2641
    permeability to 2640
  in *Periplaneta americana,* effects of insecticides on 2943
  in *Popillia japonica,* effects of *Bacillus popilliae* on oxidation of 2898
  in *Schistocerca gregaria,* effects on neuromuscular system of 2235
  in *Schistocerca gregaria* gut wall
    metabolism of 2641
    permeability to 2640
  in soil, reactions of insects to 46

L-glutamic acid, *N*-[4-[[(2,4-diamino-6-pteridinyl)methyl]amino]benzoyl]- (aminopterin)
  in *Myzus persicae*
    effects on wing formation of 5008
    inhibiting tetrahydrofolate dehydrogenase 2119

L-glutamine
  in mice, effects of insecticides on 2943
  in *Periplaneta americana,* effects of insecticides on 2943

Glycaspis
  in Australia 5183
  on *Eucalyptus,* damage caused by 5183

Glycerides
  in aphids and their cornicle secretions 4083
  in *Dacus oleae,* developmental changes in 4599
  in *Prionoplus reticularis* larvae, causing fatty flavour 2856
  in *Vitula edmandsii* 2544

Glycerol (*see* 1,2,3-Propanetriol)

Glycine
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Locusta migratoria* gut wall
    metabolism of 2641
    permeability to 2640
  in *Schistocerca gregaria* gut wall
    metabolism of 2641
    permeability to 2640
  in *Scirpophaga nivella,* dietary requirement for 3000
  in *Tenebrio molitor* cuticle 339

lycine max (see Soy bean)
lycogen
  in *Anthonomus grandis* haemolymph 4082
  in *Galleria mellonella*
    effects of starvation on 884
    effects of viruses on 884
  in *Malacosoma californicum,* effects of JH mimics on utilisation of 1304
  in *Pieris brassicae,* effects of parasitism on 3464
  in rat liver, effects of γ-BHC on 5258
  in *Sitotroga cerealella* metabolic reserves 20
  in *Trogoderma granarium,* developmental changes in 2136
lycosidase, in *Trinervitermes trinervoides* 4727
lycyphagus destructor
  control of, acaricides for 1606
  in Poland 727
  in medicinal herbs, in Poland 727
lycyphagus domesticus
  in Poland 727
  in West Germany 1828
  in medicinal herbs, in Poland 727
lyphonyx bimarginatus, in USA 1352
lypta fumiferanae
  in USA 4714
  parasitising, *Choristoneura occidentalis,* in Colorado 4714
lyptotermes dilatatus
  control of, fumigants for 4367
  in Sri Lanka 4367
  on tea, in Sri Lanka 4367
Gnaptodon, in Ethiopia 1262
Gnathocerus maxillosus, development in 2109
Gnathotrichus sulcatus
  attractants for 5199
  in Canada 5199
nava, Hylemya
nidiella, Cryptoblabes
Gnophothrips fuscus
  in USA 691
  on *Pinus elliottii*
    damage caused by 691
    in Florida 691
Gnorimoschema ocellatella (see *Scrobipalpa*)
Gnorimoschema operculella (see *Phthorimaea*)
Gnorimoschemini, in Iran 864
Goa, Coccinellidae in 1271
gobica, Agriella
godmani, Apion
godmani, Pantomorus (see *P. cervinus*)
Goes, on *Quercus,* in USA 4831
goetzi, Tydeus
Gold, radioactive (^{198}Au), marker for, *Schistocerca gregaria* 3102
Golden flavescence disease (*see* Grapevine flavescence dorée disease)
Gomphrena, Schistocerca americana on, in Argentina 1813
gonagra, Caryedon (see *C. serratus*)
Gonimbrasia belina
  in South Africa 106
  on *Colophospermum mopane,* in South Africa 106
  parasitised by, *Mesocomys pulchriceps,* in South Africa 106
Goniozus, parasitising, *Strepsicrates rhothia,* in Pakistan 5136
Gonocephalum
  on *Carthamus tinctorius,* in Queensland 2827
  on sorghum, in Queensland 4276
Gonocephalum pusillum
  control of, insecticides for 622
  in USSR 622
  on sugar-beet, in USSR 622
gonoceri, Ooencyrtus
Gonocerus acuteangulatus
  in Italy 2322
  in Turkey 4480
  on hazel, in Italy 2322
  on *Pistacia vera,* in Turkey 4480
  parasitised by, *Ooencyrtus gonoceri,* in Italy 2322
Gonometa podocarpi
  nonocclusion virus in, serology of 5213
  picornavirus in, in East Africa 3325
Gooseberry (*Rubus grossularia*)
  Cecidophyopsis ribis on, resistance to 4921
  Nasonovia brachycyclica on, in Czechoslovakia 3184
  Tortricidae on, in Poland 1079
Gorse (see *Ulex europaeus*)
Goryphus, parasitising, *Thiacidas postica,* in India 1024
gossypiella, Pectinophora, (*Platyedra*)
gossypii, Acyrthosiphon
gossypii, Aphis
gossypii, Paurocephala
gossypii, Tibiomus
Gossypium, Tetranychus urticae on, resistance to 1134
Gossypium australe, Tetranychus urticae on, resistance to 1134
Gossypium barbadense, Tetranychus urticae on, resistance to 1134
Gossypium hirsutum, Tetranychus urticae on, resistance to 1134
Gossypium lobatum, Tetranychus urticae on, resistance to 1134
Gossypol (*see* [2,2′-Binaphthalene]-8,8′-dicarboxaldehyde, 1,1′,6,6′,7,7′-hexahydroxy-3,3′-dimethyl-5,5′-bis(1-methylethyl)-)
gotama, Mycalesis
gothica, Orthosia
goudeti, Rhyssemus

Grace's medium
  culture-medium component for
    Entomophthora spp. 2000
    Schistocerca americana dorsal vessels 1999
gracile, Conicosoma
gracilis, Lipolexis
gracilis, Paradesmus, (*Oxidus*)
gracilis, Pseudomyrmex
gracilis, Telenomus
gracillimum, Monomorium
graellsii, Xanthodes
Grain crops
  assessment of yield losses in 1601
  Autographa circumflexa on, in Uzbekistan 4784
  Eurygaster spp. on, in Romania 5233
  Heliothis armigera on, in Uzbekistan 4784
  Spodoptera exigua on, in Uzbekistan 4784
Grain (stored)
  pest control in
    atmospheric conditions for 3857
    in India 3852
    in UK 2880, 2882–2884
    in USA 726
    γ-irradiation for 2077, 2080
    malathion for 1983
Gram, Bengal (see *Cicer arietinum*)
Gram, black (see *Phaseolus mungo*)
Gram, green (see *Phaseolus aureus*)
Gram, horse (see *Dolichos biflorus*)
Gram, red (see *Cajanus cajan*)
Gram, white (see *Cicer arietinum*)
Gramineae (*see* Poaceae)
Graminella nigrifrons
  in USA 4278, 4746
  maize chlorotic dwarf virus in, transmission of 3160
  maize stunt disease, causal agent in, transmission of 1562
  on *Cynodon dactylon,* in Louisiana 4278
  on maize
    assessing infestations of 4746
    in South Carolina 4746
graminis, Antonina
graminis, Cerapteryx
graminisugus, Siteroptes
graminum, Mesopolobus
graminum, Schizaphis, (*Toxoptera*)
graminum, Siteroptes (see *S. cerealium*)
Grammophorus niger, in Chile 2800
Grammoptera ruficornis
  in Romania 663
  on *Mahonia aquifolium,* in Romania 663
granarium, Trogoderma
granarius, Sitophilus, (*Calandra*)
granati, Tenuipalpus
grandella, Hypsipyla
grandicorne, Cryptochetum
grandiosella, Diatraea
grandis, Anthonomus
grandis, Rhizophagus
grandis, Trissolcus
grandis, Truxalis
Grandlure
  Anthonomus grandis responses to 2152
  attractant for, *Anthonomus grandis* 3959–3961
  formulations of 3959–3961
  synthesis of components of 3958
granellus, Nemapogon
Grapefruit (*Citrus paradisi*)
  Aonidiella aurantii on, varietal preference of 584
  Planococcus citri on, in Spain 3211
  Saissetia neglecta on, in Florida 860
Grapemone (*see* 9-Dodecen-1-ol, acetate, (*Z*)-)
Grapevine (*Vitis vinifera*)
  Agistemus exsertus on, in Egypt 540
  Antispila rivillei on, in Georgia (USSR) 5117
  Apis indica on, in Madhya Pradesh 2314
  Calepitrimerus vitis on
    in Portugal 949
    in West Germany 5116
  disease resistance in 3069
  Empoasca flavescens on, in France 2767
  Ephestia figulilella on, on Turkey 3718
  Epiphyas postvittana on, in Australia 1842
  Episimus argutanus on, in Pennsylvania 3186
  Eriophyes vitis on
    damage caused by 1885
    in West Germany 1885, 5116
  Erythroneura adanae on, in Bulgaria 551
  Flata ferrugata on, in Punjab 3720
  fruit-sucking moths on, in South Korea 151
  Harrisina americana on, in Florida 2587
  Hemiberlesia lataniae on, in Egypt 3179
  insecticides in, effects of 4472–4475
  Kalotermes flavicollis on, in France 4287
  Lobesia botrana on
    in Bulgaria 3717
    in France 2317
    in Switzerland 5014
    in Turkey 3718, 4473
  Oecanthus nigricornis on, damage caused by 3206
  O. pellucens on, in Italy 2319
  Otiorhynchus sulcatus on, in Bulgaria 553
  O. turca on, in Bulgaria 553
  Panonychus ulmi on, in West Germany 5116
  Paralobesia viteana on
    in Bulgaria 551
    in Pennsylvania 3186
  Paropta paradoxus on, in Israel 1886
  pest resistance in 3069

evine *contd.*
sts of
in Moldavia 3081
in Turkey 4469–4470
anococcus citri on
in Turkey 4471
in Turkmenia 546
listes olivaceus on, in Madhya Pradesh
2314
odecatoma cooki on, in Venezuela
5118
eticulitermes lucifugus on, in France
4287
aphoideus littoralis on, in France 2767
utellera perplexa on, in Uttar Pradesh
3719
lepta lunalis on, in Madhya Pradesh
2316
nuipalpus granati on, in Egypt 1891
tranychus urticae on, in West Germany
5116
nata intracta on, in Punjab 3720
spa orientalis on, in Madhya Pradesh
2314
teus vitifoliae on
in Argentina 1077
in British Columbia 4767
in South Africa 153
evine flavescence dorée disease
usal agent, in, *Scaphoideus littoralis,* in
France 2767
idies on 236–237
hania atristriga, antennal sensilla in
072
hania morosa, antennal sensilla in
072
hania mutans, antennal sensilla in
072
hania unica, antennal sensilla in 4072
hania usistriga, antennal sensilla in
072
hognathus, distinguishing related genera
nd 2096
hognathus leucoloma, in Chile 2800
hognathus leucoloma striatus, feeding
ehaviour in 1753
hognathus peregrinus, feeding behaviour
1753
holitha delineana (see *Cydia*)
holitha funebrana (see *Cydia*)
holitha inopinata (see *Cydia*)
holitha molesta (see *Cydia*)
hosoma italicum, control of, juvenile
ormone analogues for 1720
s, annual blue (see *Poa annua*)
s, Bermuda (see *Cynodon dactylon*)
s, coastal Bermuda (see *Cynodon*
actylon)
s, cocksfoot (see *Dactylis glomerata*)
s, Italian rye (see *Lolium multiflorum*)
s, Johnson (see *Sorghum halepense*)
s, Napier (see *Pennisetum purpureum*)

Grass, Pangola (see *Digitaria decumbens*)
Grass, perennial rye (see *Lolium perenne*)
Grass, Queensland blue couch (see *Digitaria didactyla*)
Grass, Rhodes (see *Chloris gayana*)
Grass, sabi (see *Urochloa mosambicensis*)
Grass, smooth brome (see *Bromus inermis*)
Grass, St. Augustine (see *Stenotaphrum secundatum*)
Grass, Sudan (see *Sorghum sudanense*)
Grass, timothy (see *Phleum pratense*)
grassator, Lestodiplosis
Grasses
  Ataenius spretulus on, in New York 4760
  Coccidae on, in Transcaucasia 4279
  Hepialus spp. on, in UK 3093
  Popillia japonica on, rearing of 4660
  scale insects on, in Georgia (USA) 3705
Grasshoppers 1829
  control of, long-term 4683
  in Turkmenia 1657
  Nosema locustae in, and biological control using, in Montana 5221
Grassland (*see also* Pastures)
  Agriotes obscurus in, in Nova Scotia 2306
  Auchenorrhyncha in, effects of grazing on 2694
  Hemiptera in, effects of burning on 4283
  Heteroptera in, effects of grazing on 3707
  Hodotermes mossambicus in, damage caused by 534
  Mythimna separata in, forecasting outbreaks of 529–530
grassmani, Trogoderma
Grassy stunt virus (*see* Rice grassy stunt virus)
Gravitarmata margarotana
  biology of 5195
  control of, insecticides for 5195
  in China 5195
  on *Pinus,* in China 5195
Gravity, effects of, on, *Myelophilus* spp. 4037
Great tit (see *Parus major*)
Greece
  Abies in, pests of 4851
  Aceria oleae in, on olive 954
  Cacoecimorpha pronubana in, on *Hedera helix* 933
  Contarinia medicaginis in
    natural enemies of 2308
    on lucerne 2308
  Dacus oleae in, on olive 5134
  Palpita unionalis in
    on *Jasminum* 5135
    on olive 5135
  Phthorimaea operculella in
    on potato 2359
    on tobacco 2359

Greece *contd.*
  Pinus in, pests of 667
  Populus in, insects associated with 1547
  Prays oleae in, on olive 5133
Green peach aphid (see *Myzus persicae*)
Green rice leafhopper (see *Nephotettix cincticeps*)
greeni, Bracon
greeni, Neotermes
gregaria, Schistocerca
Gregarisation pheromones
  in *Locusta migratoria* 433–434, 4202
  in *Locustana pardalina* 433
  in *Schistocerca gregaria* 433
***Grevillea rosmarinifolia**, Neodrepta luteotactella* on, in Australia 4370
***Grewia asiatica**, Lachnosterna consanguinea* on, in India 4189
gripusalis, Azochis
griseana, Zeiraphera
griseiventris, Spallanzania
grisella, Achroia
griseola, Hydrellia
grisescens, Lydella
Gronops inaequalis
  in USSR 1130
  on onion, in Buryatia 1130
grossepunctatus, Scapanes australis
grossulariata, Abraxas
Groundnut (*Arachis hypogaea*)
  Amsacta albistriga on, in Madras 3776
  A. moorei on, in Madras 3776
  Anisolabis spp. on, in Israel 4340
  A. annulipes on, in Israel 1490
  Astylus atromaculatus on, in Argentina 2741
  Bemisia tabaci on, in Sudan 939
  BHC in, residues of 4534
  Caliothrips spp. on, in Cameroon 5151
  2,4-D in, residues of 4534
  Diabrotica speciosa on, in Brazil 1123
  Diplopoda on, in Central African Republic 1362
  Enneothrips flavens on, in Brazil 1123
  Euborellia stali on, in Madras 619
  groundnut mottle virus in, in East Africa 621
  Haplothrips gallarum on, in Cameroon 5151
  Lachnosterna consanguinea on 4189
    in Uttar Pradesh 1114
  Odontotermes anceps on, in Ethiopia 1827
  O. obesus on, in Madhya Pradesh 620
  Oxycetonia versicolor on, in Rajasthan 2224
  pest control on 4341
  pests of, in Uttar Pradesh 3296
  Scaptocoris castaneus on, in Argentina 538
  Sericothrips occipitalis on, in Cameroon 5151
Groundnut *contd.*
  simazine in, residues of 4534
  Stegasta basqueella on, in Brazil 1123
  Taeniothrips sjostedti on, in Cameroon 5151
  Tetranychus urticae on, in Pakistan 4
  thiometon in, residues of 4534
Groundnut mottle virus
  in
    Aphis craccivora, transmission of 6
    groundnut, in East Africa 621
    soy bean, in East Africa 621
Groundnut oil, solvent for JH mimics 34
Groundnut rosette virus
  in
    Amrasca devastans, not transmitted 2356
    Aphis craccivora, transmission of 2
Groundnut (stored nuts)
  bromomethane in, residues of 4016
  Caryedon serratus in, varietal preferen of 1550
  pest control in, malathion for 1983
  Tribolium castaneum in
    in Alabama 5207
    in Georgia (USA) 5207
Groundnuts, roasted, diet component for, *Dacus oleae* 5047
Groundsel bush (see *Baccharis halimifoli*
grumi, Xylotrechus
Gryllidae, preyed on by, *Apteryx austral* in New Zealand 3651
Gryllodes sigillatus, malathion in, toxicit 4006
Gryllodinus odicus (see *Eugryllodes*)
grylloides, Hysteropterum
Gryllotalpa, preyed on by, *Labidura ripa* in Egypt 5061
Gryllotalpa africana
  amino acids in 3008
  descriptions of 2821
  distribution of 2821
  food-plants of 2821
  in Mauritius 214
  on tea, in Mauritius 214
Gryllotalpa gryllotalpa
  food-plants of, in Turkey 4443
  in Turkey 4443
Gryllotalpa unispina, biology of 41
Gryllus assimilis
  enzymes in 25
  in Virgin Islands 4141
Gryllus bimaculatus
  calling signal of 3510
  control of, juvenile hormone analogues 1720
  in Mauritius 214
  in USSR 3510
  juvenile hormone analogues in, effects 1724
  on tea, in Mauritius 214
  phonotaxis in 2173

'us bimaculatus *contd.*
g of 2173
'us campestris
gling signal of 3510
USSR 3510
onotaxis in 2173
g of 2173
'us domesticus (see *Acheta*)
'us pennsylvanicus
ntrol of, insecticides for 3988
USA 3627
3005 (*see* Methidathion)
4254 (*see* 1,3,5-Triazine-2,4-diamine,
-butyl-6-methoxy-N'-(1-methylethyl)-)
2069
1144 (*see* 2-Pyrimidinemethanol, 4-
ydroxy-α,α,6-trimethyl-)
eloupe
atraea impersonatella in
on *Paspalum virgatum* 2284
on sugar-cane 2284, 3064
saccharalis in, on sugar-cane 2284, 3064
idine, hydrochloride, with 1-propanol,
olvent for *Trichoplusia ni* granulosis
rus capsule 2005
idine, dodecyl-
onoacetate (dodine)
in *Citrus,* effects on mites of 3744
(see *Cyamopsis tetragonoloba*)
emala
endroctonus spp. in, on *Pinus* 5189
eudoplusia includens in
natural enemies of 2897
on cotton 2897
a (*Psidium guajava*)
gistemus exsertus on, in Egypt 540
nastrepha mombinpraeoptans on, in Jamaica 3758
suspensa on
in Florida 4306
in Jamaica 3758
evipalpus californicus on, in Egypt 1107
phoenicis on, in Egypt 906
eratitis capitata on, in Hawaii 3660
acus dorsalis on, in Hawaii 3660
tryoni on, in New South Wales 2341
zonatus on, in Pakistan 3180
tetranychus orientalis on, in Egypt 1107
emaspidoproctus cinereus on, in Rajasthan 590
emiberlesia lataniae on, in Egypt 3179
erya aegyptiaca on, in Pakistan 3123
sect pests of, in India 591
sulaspis tapleyi on, in Egypt 4319
achnosterna consanguinea on, in India 4189
epidosaphes beckii on, in Egypt 1107
rgyia mixta on, in Angola 2147
arasaissetia nigra on, in Egypt 1107

Guava *contd.*
  Pseudococcus elisae on, in Easter Island 2253
  Salagena spp. on, in South Africa 4777
  Strepsicrates rhothia on, in Pakistan 5136
guerini, Stathmopoda, (*Thyrsostoma*)
guerreronis, Aceria
Guinea corn (*see* Sorghum)
Guinea-fowl (*Numida meleagris*)
  dieldrin in, toxicity of 765
Guineapigs (*Cavia cobaya*)
  fensulfothion in, toxicity of 5255
  pyrethrins in
    effects of 2071
    toxicity of 2071
Guizotia abyssinica
  Dioxyna sororcula on, in Ethiopia 1827
  Heliothis armigera on, in Mysore 3125
Gulf of Mexico, fauna in, pesticide residues in 2492
Gum, black (see *Nyssa multiflora*)
Gum, sweet (see *Liquidambar styraciflua*)
Gum, water tupelo (see *Nyssa uniflora*)
gunturiensis, Eretmocerus
Gurr, with insecticides, against, aphids 612
Gusathion (*see* Azinphos-methyl)
Gusathion A (*see* Azinphos-ethyl)
Gusathion K (*see* Azinophos-ethyl)
Gusathion M (*see* Azinphos-methyl)
Guthion (*see* Azinphos-methyl)
guttata, Deloyala, (*Chirida*)
guttea, Ornix (see *Callisto denticulella*)
guttiger, Eysarcoris
guttivitta, Heterocampa
guttulata, Yanga
guttulatus, Blaniulus
guttulosa, Austracris
Guyana
  Diatraea spp. in 2284
  Spodoptera frugiperda in, on rice 3167
Gynaikothrips ficorum
  control of, insecticides for 1953
  in Egypt 4060
  in Israel 4060
  in USA 1953
  on *Ficus nitida,* in Florida 1953
  on fig
    in Egypt 4060
    in Israel 4060
  parasitised by
    Pediobius thysanopterus
      in Egypt 4060
      in Israel 4060
  preyed on by, *Orius insidiosus,* in Florida 1953
Gypsonoma aceriana
  in Yugoslavia 687
  on *Populus,* in Yugoslavia 687
  parasites of, in Yugoslavia 687
  predators of, in Yugoslavia 687
Gypsy moth (see *Lymantria dispar*)

- ***Gyranusoidea munda***
  - sp. n., description of 999
  - in South Africa 999
  - parasitising
    - *Nipaecoccus vastator,* in South Africa 999
    - *Paracoccus burnerae,* in South Africa 999
- ***Gyroptera robertsi***
  - in Nigeria 4842
  - on Meliaceae, in Nigeria 4842
- ***Habrobracon hebetor*** (see *Bracon*)
- ***Habrobracon iranicus*** (see *Bracon*)
- ***Habrocytus semotus***
  - in USSR 4770
  - parasitising, *Cydia pomonella,* in Moldavia 4770
- ***Hadena sordida***
  - control of, insecticides for 5085
  - granulosis virus in
    - in Kazakhstan 5085
    - nucleic acids in 1184
    - proteins in 1184
  - haemolymph in, effects of insecticides on 277
  - in USSR 1404, 5085
  - on wheat, in Kazakhstan 1404, 5085
  - parasites of, in Kazakhstan 5085
  - physiology of, effects of population density on 1404
- **Hadeninae,** taxonomy of 4044
- **Haemagglutination tests,** for detecting rice stripe virus in *Laodelphax striatella* 134
- **Haemolysins,** in *Bacillus thuringiensis* 4886
- ***haemorrhoidalis, Athous***
- ***Haimbachia ignefusalis,*** on *Pennisetum typhoides,* in West Africa 2703
- ***Hakea,*** control of, biological, in South Africa 1027
- ***haldemani, Eretmocerus***
- ***Haleupalus oliveri***
  - sp. n., description of 2093
  - in West Germany 2093
  - preying on, Eriophyidae, in West Germany 2093
- ***Haliaeetus leucocephalus,*** residues in, in USA 2491
- ***Halictus,*** parasitised by, Strepsiptera, in Finland 4032
- ***halophila, Blaps***
- ***Halotydeus destructor***
  - biology of 1805
  - in Australia 1805, 4336
  - in pasture, in Tasmania 1805
  - on pea
    - damage caused by 4336
    - in South Australia 4336
  - on potato, in Tasmania 1805
- ***Halticoptera aenea***
  - in USA 1838
  - parasitising, *Oscinella frit,* in Virginia 1838
- ***Halticus***
  - on muskmelon
    - damage caused by 1484
    - in Mysore 1484
- ***hamana, Agapeta,*** (*Euxanthis*)
- ***hamata, Dicranotropis***
- ***hamelii, Porphyrophora***
- ***hampei, Hypothenemus***
- ***Hanseniella,*** on *Carica papaya,* in Brazil 1109
- ***Haplodiplosis equestris***
  - control of, insecticides for 5083
  - in Belgium 1408, 3679
  - in Hungary 3154
  - in Romania 2282
  - in UK 5083
  - in West Germany 1405
  - on barley, in England 5083
  - on oats, in England 5083
  - on wheat
    - damage caused by 1408, 3154
    - distribution pattern of 1405
    - in Belgium 1408, 3679
    - in England 5083
    - in Hungary 3154
    - in West Germany 1405
- **Haplothripini,** in Australia 2982
- ***Haplothrips aculeatus***
  - biology of 2704
  - in Finland 2704
- ***Haplothrips chinensis***
  - in South Korea 2586
  - on ornamental plants, in South Korea 2586
- ***Haplothrips derisor***
  - in Sudan 992
  - on *Zinnia elegans,* in Sudan 992
- ***Haplothrips froggatti***
  - in Australia 4276
  - on sorghum, in Queensland 4276
- ***Haplothrips gallarum***
  - in Cameroon 5151
  - on groundnut, in Cameroon 5151
- ***Haplothrips globiceps***
  - in Turkey 4470
  - on grape vine, in Turkey 4470
- ***Haplothrips tritici***
  - in USSR 3158
  - on wheat
    - damage caused by 3158
    - in USSR 3158
- ***Haplothrips tritici*** **(Fitch)** (see *Franklinie*
- ***Haplothrips tritici*** **Kurd.**
  - biology of 1036
  - in Romania 1036
  - on wheat, in Romania 1036
- ***Haplothysanus chapellei***
  - in Chad 3784
  - on cotton, in Chad 3784
- ***Haplothysanus oubanguiensis***
  - in Central African Republic 1362

othysanus oubanguiensis *contd.*
- groundnut, in Central African Republic 1362

oncus ocularis, Ceratocystis paradoxa
- , transmission of 4735

wood tar oil
- inst
  - *Rhyzopertha dominica* 3403
  - *Sitophilus oryzae* 3403
  - *Tribolium confusum* 3403

onia axyridis
- d consumption in 4724
- Japan 4724
- South Korea 3642
- ying on
  - *Hyperomyzus lactucae* 4724
  - *Hyphantria cunea,* in South Korea 3642
  - *Myzus persicae* 4724

onia breiti
- Pakistan 2674
- ying on, *Adelges* spp., in Pakistan 2674

onia doublieri, preying on, *Ephestia uehniella* 2609

alus, preying on, *Gypsonoma aceriana,* Yugoslavia 687

alus affinis
- d of 2163
- France 2163

alus erraticus
- logy of 4715
- USA 4715
- yed on by, skunks, in South Dakota 4715
- ying on, *Diabrotica* spp. 4715

alus pensylvanicus
- logy of 1009
- Canada 1009
- USA 1009
- ying on, *Diabrotica virgifera* 1009

alus pubescens (see *H. rufipes*)

alus rufipes
- *auveria bassiana* in, pathogenicity of 1573
- d of 2163
- France 2163
- USSR 3944
- *ecilomyces farinosus* in, pathogenicity of 1573
- ying on, *Argyresthia conjugella,* in Lithuania 3944

iphorus lepidus
- criptions of 686
- Yugoslavia 686
- *Quercus macedonica,* in Yugoslavia 686

ipterus, Crambus

sella, Phyllonorycter

isina americana
- ntrol of 2587
- criptions of 2587

Harrisina americana *contd.*
- in USA 2587
- on grape vine, in Florida 2587
- on *Parthenocissus quinquefolia,* in Florida 2587

Harrisina brillians
- biology of 2803
- rearing of, techniques for 2803

harrisoni, Diclidophlebia

harti, Petrobia

harveyi, Bessa

hassani, Tegonotus

hastata, Rheumaptera

hastatum, Anomalagrion

hauseri, Capnodis cariosa

havilandi, Coptotermes

havilandi, Cryptotermes

Hawaii
- *Aspidiotus* spp. in 3715
- *A. destructor* in, on coconut 3715
- *Atherigona reversura* in, on *Cynodon dactylon* 4639
- *Brevipalpus phoenicis* in 3503
- *Ceratitis capitata* in, natural enemies of 3660
- *Cerocephala dinoderi* in 4641
- *Coccus capparidis* in 4640
- *Dacus dorsalis* in, natural enemies of 3660
- *Dinoderus minutus* in, natural enemies of 4641
- *Icerya purchasi* in 3659
- *Ophiomyia phaseoli* in 1666
- *Sternochetus mangiferae* in, on mango 2588
- Tenuipalpidae in, natural enemies of 2270
- Tetranychidae in, natural enemies of 2270

hawaiiensis, Mexecheles

hawaiiensis, Thrips

Hawk, sparrow (see *Accipiter nisus*)

Hawthorn (see *Crataegus*)

Hay, insecticides in, residues of 4976

Hazel (*Corylus avellana*)
- *Aculus comatus* on, in Oregon 1889
- *Alebra albostriella* on, in Italy 2318
- *Alnetoidia alneti* on, in Italy 2318
- *Corylobium avellanae* on, in Italy 2321
- *Edwardsiana* spp. on, in Italy 2318
- *Eupteryx* spp. on, in Turkey 4289
- *Gonocerus acuteangulatus* on, in Italy 2322
- *Homaloplia svanetica* on, in Georgia (USSR) 2967
- *Ledra aurita* on, in Italy 2320
- *Mikomyia coryli* on, in Turkey 5119
- *Myzocallis coryli* on
  - in Italy 2321
  - in Turkey 4289
- *Oecanthus pellucens* on, in Italy 2319
- *Phylus coryli* on, in Turkey 4289

Hazel *contd.*
  Phytodecta pallida on, in Sweden 4096
  Phytoptus avellanae on, in Spain 3095
  Typhlocyba quercus on, in Italy 2318
Hazel (stored nuts)
  bromomethane in, residues of 4016
  Ephestia cautella in, in Turkey 4493
  Plodia interpunctella in, in Turkey 4493
HCCH (*see* BHC)
HCH (*see* BHC)
HCS-3260 (*see* Chlordane)
HD-1 (see *Bacillus thuringiensis* var. *kurstaki*)
Hebe**,** *Lampides boeticus* on, in New Zealand 4697
hebetor, Bracon
  (*Habrobracon*)
  (*Microbracon*)
hebraeus, Polistes (see *P. olivaceus*)
Heclotox 3 (*see* BHC)
Hedera canariensis**,** *Rhizoecus cacticans* on, in Belgium 1147
Hedera helix**,** *Cacoecimorpha pronubana* on, in Greece 933
hederae, Aspidiotus
Hedya nubiferana
  control of, insecticides for 1460
  in Hungary 1084
  in Netherlands 5124
  in West Germany 3736
  larval mandibles in 5124
  on apple
    in Hungary 1084
    in Netherlands 5124
    in West Germany 3736
  traps for 3736
Hedychrum intermedium
  in France 1850
  parasitising, *Philanthus triangulus,* in France 1850
Hedylepta indicata
  control of, insecticides for 2812
  in Taiwan 2812
  on *Dolichos sesquipedalis,* in Taiwan 2812
  parasitised by, *Trichospilus diatraeae* 5187
heikertingeri, Chaetocnema
Hektavin (*see* Carbaryl)
Hektion (*see* Malathion)
Helconini, in Japan 1265
helianthi, Acanthiophilus
Helianthus annuus (see Sunflower)
helichrysi, Brachycaudus
Helicoverpa armigera (see *Heliothis*)
Helicoverpa assulta (see *Heliothis*)
Helicoverpa punctigera (see *Heliothis*)
Helicoverpa zea (see *Heliothis*)
heliopae, Chelonus
Heliopsis helianthoides**,** *Tetranychus urticae* on 91
Heliothinae, reproductive isolation in 341
Heliothis
  control of, biological 1510
  food-plants of, in Turkey 4443
  on sorghum, in Queensland 4276
  on soy bean, in New South Wales 433
  on zucchini marrow, in Queensland 2
  parasitised by, *Trichogramma* spp., and biological control using 1507
Heliothis armigera
  biology of 3224
  control of
    Bacillus thuringiensis for 4900
    in USSR 4811
    insecticides for 630, 1940, 2353–235 2370, 2807, 2815, 2832, 4358, 436 4817, 4900, 4918
    integrated 1831
    threshold for 4930
  DDT resistance in, in Queensland 26
  development in
    changes in size of cerebrum and respiration rate during 5011
    effects of photoperiod on 4613
    effects of temperature on 4613, 502
    effects of vitamin E on 3806
  diapause in 4631
    effects of pesticides on 3481
    effects of vitamin E on 3806
  fecundity in, effects of nutrition on 51
  food preferences of 3760
  in Australia 2631, 3224
  in Bulgaria 1927
  in Cambodia 2370
  in Chad 210, 4922, 4925
  in Ethiopia 1827
  in Ghana 4361
  in India 320, 630, 1121, 2663, 3124–3125, 4253, 4358
  in Iran 4360
  in Israel 5040
  in Ivory Coast 4655, 5236
  in Jordan 4900
  in Mozambique 2826, 4817
  in Philippines 2353–2354, 2815
  in South Africa 547
  in Sudan 2832
  in Tanzania 1940
  in USSR 1831, 3224, 4611, 4613, 463 4784, 4811, 4918, 4930, 5018, 5024, 5157–5159, 5161
  insecticide susceptibility in, in Chad 4922
  juvenile hormone analogues in, effects 2043
  nuclear polyhedrosis virus in, and biological control using 4655
  on bean
    in Philippines 2354
    in Uzbekistan 4784
  on boysenberry, in South Africa 547
  on cabbage
    in Australia 3224

- ***othis armigera*** *contd.*
  - cabbage *contd.*
    - in USSR 3224
  - *Cajanus cajan,* in Mysore 3125
  - cereals, in Uzbekistan 4784
  - *Cicer arietinum,* in India 320
  - cotton
    - in Cambodia 2370
    - in Chad 210, 4922, 4925
    - in Ghana 4361
    - in Iran 4360
    - in Ivory Coast 4655, 5236
    - in Madras 4358
    - in Mozambique 4817
    - in Queensland 2631
    - in Sudan 2832
    - in Tadzhikistan 4611, 4918, 5158–5159
    - in Tanzania 1940
    - in Turkmenia 1831
    - in USSR 4811, 4930
    - in Uzbekistan 5157, 5161
    - varietal preferences of 210, 4364
  - *Dolichos lablab,* in Mysore 3125
  - *Guizotia abyssinica,* in Mysore 3125
  - maize
    - in Rajasthan 4253
    - in Tadzhikistan 4611
    - in USSR 5018
  - oil crops, in Ethiopia 1827
  - pea
    - in Philippines 2815
    - in Rajasthan 1121
  - *Phaseolus vulgaris,* in Philippines 2353
  - *Polianthes tuberosa,* in Mysore 2663
  - *Ricinus communis,* in Mozambique 2826
  - *Sesamum indicum,* in Bulgaria 1927
  - *Tagetes erecta,* in Mysore 3125
  - tobacco, in Queensland 2631
  - tomato
    - in Jordan 4900
    - in Mysore 3125
    - in Punjab 630
    - in Tadzhikistan 5158
    - in West Bengal 3125
  - rasites of, in India 320, 3124
  - rasitised by
    - *Mepachymerus ensifer,* in Rajasthan 4253
    - *Telenomus* spp., in West Bengal 3125
    - *Trichogramma achaeae*
      - in Mysore 3125
      - in West Bengal 3125
    - *T. australicum*
      - in Mysore 3125
      - in West Bengal 3125
    - *Trichogrammatoidea armigera,* in Mysore 2663
  - thogens of 3928
  - aring of, techniques for 4655
- ***Heliothis armigera*** *contd.*
  - reproduction in 3508
  - traps for 4925
- ***Heliothis armigera* auct.** (see *H. zea*)
- ***Heliothis assulta assulta,*** control of 1501
- ***Heliothis dipsacea*** (see also *Heliothis viriplaca*)
  - in USSR 2702
  - on *Papaver somniferum,* in Kirghizia 2702
- ***Heliothis nubigera,*** in Israel 5040
- ***Heliothis* nuclear polyhedrosis virus**
  - against
    - *Heliothis virescens* 1527, 2915
    - *H. zea* 2915
  - in
    - primate cells, not developing 3893
    - soy bean, persistence of 4915
  - registration of 3329, 3367
  - with pyrethrins
    - against
      - *Heliothis virescens* 2915
      - *H. zea* 2915
- ***Heliothis obsoleta* auct.** (see *H. armigera*)
- ***Heliothis peltigera,*** in Israel 5040
- ***Heliothis punctigera***
  - control of, insecticides for 2805
  - in Australia 2307, 2631, 2805, 2827, 4336
  - on *Carthamus tinctorius,* in Queensland 2827
  - on cotton, in Queensland 2631
  - on pea
    - damage caused by 4336
    - in South Australia 4336
  - on rape, in Western Australia 2805
  - on tobacco, in Queensland 2631
  - on *Trifolium repens,* in Tasmania 2307
- ***Heliothis stombleri***
  - in Mexico 4352
  - on cotton, in Mexico 4352
  - on maize, in Mexico 4352
  - parasitised by
    - *Trichogramma* spp.
      - and biological control using, in Mexico 4352
      - in Mexico 4352
- ***Heliothis virescens***
  - compound eyes in, spectral sensitivity of 33
  - control of
    - *Bacillus thuringiensis* for 1527, 5170
    - insecticides for 771, 1527, 1949, 5170
    - JH mimics for 2018
    - *Nosema necatrix* for 1527
    - traps for 1942
  - cytoplasmic polyhedrosis virus in
    - effects of high temperatures on 2900
    - trans-ovum transmission of 4424
  - diapause in 2022
  - dispersal of 5026
  - ebony mutant of 3488

***Heliothis virescens* contd.**
- encapsulation of foreign material in 1989
- enzymes in, relation of insecticide resistance and 4105, 4593
- hyperparasites of, in North Carolina 5059
- hyperparasitised by
  - *Catolaccus aeneoviridis* 3335
  - *Spilochalcis side* 3335
- in Colombia 1928
- in Mexico 1511, 2023, 4352
- in USA 1527, 1942, 1949, 2607, 2915, 3389, 3555, 3654, 4290, 4593, 4823, 5059
- in Virgin Islands 4141
- inherited sterility in 249
- insecticide resistance in 1619
  - in USA 3389
- marking of, radiophosphorus for 1345
- mating competitiveness in, effects of γ-irradiation on 2464
- methyl-parathion resistance in, in Georgia (USA) 4823
- *Nosema heliothidis* in 3311, 3335
- nuclear polyhedrosis virus in
  - and biological control using 1527, 2915
  - effects on parasites of 4894
- nutrition of 351
- on cotton
  - in Colombia 1928
  - in Georgia (USA) 4823
  - in Mexico 1511, 2023, 4352
  - in Mississippi 2915
  - in Texas 1942, 2607
- on maize
  - in Georgia (USA) 4823
  - in Mexico 4352
- on pecan, in Georgia (USA) 4290
- on soy bean, in Florida 3654
- on tobacco, in North Carolina 1527, 1949, 5059
- parasites of, effects of JH mimics on 5073
- parasitised by
  - *Apanteles marginiventris* 4232
  - *Campoletis sonorensis* 3311, 3335, 4894, 5073
    - in North Carolina 5059
  - *Cardiochiles nigriceps* 2564, 3311, 3335, 3555, 4226, 5073
    - defence mechanisms against 3135
  - *Microplitis croceipes* 2564
  - *Trichogramma* spp.
    - and biological control using
      - in Colombia 1928
      - in Mexico 4352
    - in Mexico 2023, 4352
- preyed on by, *Erythemis simplicicollis,* in Florida 3654
- reserpine in, effects of 2022

***Heliothis virescens* contd.**
- sperm transfer in, effects of γ-irradiatio on 2464
- sterilisation of
  - chemosterilants for 5016
  - γ-irradiation for 2022, 2464, 5026
- teratocytes in, juvenile hormone activity 4226
- traps for 2607

Heliothis viriplaca (see also *Heliothis dipsacea*)
- control of, integrated 1831
- in Israel 5040
- in USSR 1831, 2702
- on lucerne, in Turkmenia 1831
- on *Papaver somniferum,* in Kirghizia 2702

Heliothis zea
- cell cultures from 13
  - effects of *Bacillus thuringiensis* on 3341
- compound eyes in, spectral sensitivity 33
- control of
  - *Bacillus thuringiensis* for 1411
  - insecticides for 291, 1411, 2725, 47
- diapause in 2022, 3039
- embryonic development in 1280
- encapsulation of foreign material in 1
- enzymes in, relation of insecticide resistance and 4105
- haemolymph in 4090
- hyperparasites of, in North Carolina 5059
- hyperparasitised by
  - *Catolaccus aeneoviridis* 3335
  - *Spilochalcis side* 3335
- in Chile 2800
- in Colombia 1928
- in El Salvador 4502
- in Mexico 1511, 2023, 2714, 4352
- in USA 1411, 2607, 2725, 2915, 3129, 3654, 3702, 4290, 4794, 4823, 5059, 5090
- in Virgin Islands 4141
- infra-red detection in 68
- learning in 2530
- life-span in, effects of environment on 2713
- methyl-parathion resistance in, in Geor (USA) 4823
- nonoccluded virus in 4425
- *Nosema heliothidis* in 3311, 3335
- nuclear polyhedrosis virus in
  - and biological control using 2915
  - development of 3331
  - effects of 4892
  - resistance to, not found 3889
- on cotton
  - in Colombia 1928
  - in El Salvador 4502
  - in Georgia (USA) 4823

this zea *contd.*
 cotton *contd.*
  n Mexico 1511, 2023, 4352
  n Mississippi 2915
  n Texas 2607
 maize
  artificial infestation with 3689
  damage caused by 5090
  n El Salvador 4502
  n Florida 1411
  n Georgia (USA) 2725, 4823, 5090
  n Mexico 4352
  esistance to 2725
   effects of fertilisers on 2291
   evaluation of 513
 pecan, in Georgia (USA) 4290
 sorghum, in Georgia (USA) 3702
 soy bean
  n Alabama 4794
  n Florida 3129, 3654, 4794
  in Georgia (USA) 4794
  in South Carolina 4794
 tobacco, in North Carolina 5059
 position in, inducers of 2044
 rasitised by
  Campoletis sonorensis 3311, 3335
   in North Carolina 5059
  Cardiochiles nigriceps 3311, 3335
   defence mechanisms against 16
  Trichogramma spp.
   and biological control using
    in Colombia 1928
    in El Salvador 4502
    in Mexico 4352
   in Mexico 2023, 4352
  T. evanescens 1708, 4223
  T. pretiosum 4223
 pulation dynamics of 2714
 eyed on by
  Erythemis simplicicollis, in Florida
   3654
  Spanagonicus albofasciatus, in Florida
   3129
 productive potential in, effects of
  environment on 2713
 serpine in, effects of 2022
 erilisation of, γ-irradiation for 2022
 aps for 2607
 V sensitivity in 247
 ruses in, storage of 3898
otox (*see* DDT, with toxaphene)
ula
 ntrol of, insecticides for 2805
 rape, in Western Australia 2805
ula undalis
 ntrol of
  Bacillus thuringiensis for 1112
  insecticides for 1112
 Singapore 1112
 Brassica alboglabra, in Singapore
  1112
 Chinese cabbage, in Singapore 1112

helluo, Chryseria, (*Clytiomya*)
Helomyia lateralis
 in Hungary 3644
 parasitising, *Eurygaster* spp., in Hungary
  3644
Helopeltis, scutellar spine in 1689
Helopeltis antonii
 control of, insecticides for 1888
 in India 1888
 on *Anacardium occidentale,* in Kerala
  1888
Helopeltis clavifer
 in Papua New Guinea 4144
 on cacao, in Papua 4144
Helopeltis corbisieri
 defensive behaviour in 868
 dorso-abdominal gland in 868
 reproductive organs in 1709
Hemaspidoproctus cinereus
 control of, insecticides for 590
 in India 590
 on guava, in Rajasthan 590
Hemerocampa pseudotsugata
 control of, insecticides for 3994
 in Canada 2386
 nuclear polyhedrosis virus in 26
  heterogeneity in 243
  properties of 3879
Hemiberlesia lataniae
 biology of 3179
 in Australia 4307
 in Egypt 3179
 in Israel 2334
 on avocado
  in Israel 2334
  in Queensland 4307
Hemipenthes maura (see *Villa*)
Hemipenthes morio (see *Villa*)
Hemipenthes velutina (see *Villa*)
Hemiptera
 in Canada 861
 in Sudan 2082–2083
 in USA 861
 in grassland, effects of burning on 4283
 malathion in, toxicity of 4011
 on cotton, in Iran 4359
Hemipteroseius, parasitising, *Dysdercus
  cingulatus,* in Philippines 4350
hemipterus, Carpophilus
hemipterus, Valgus
Hemisarcoptes, on *Lepidosaphes malicola,* in
  Iran 4292
Hemisarcoptes malus
 in Canada 2326
 in Netherlands 2326
 preying on
  Lepidosaphes ulmi
   in Canada 2326
   in Netherlands 2326
hemisphaerica, Saissetia (see *S. coffeae*)
Hemitarsonemus
 control of, insecticides for 5236

***Hemitarsonemus** contd.*
  on cotton, in Ivory Coast 5236
Hemitarsonemus latus (see *Polyphagotarsonemus*)
Hemiteles
  hyperparasitising, Tortricidae, in Poland 1079
  parasitising, *Cydia pyrivora,* in USSR 3737
Hemiteles nana (see *Lysibia*)
Hemp (*Cannabis sativa*)
  Cydia delineana on, in Romania 1946
Hemp, Deccan (*see* Kenaf)
Hemp mallow (*see* Kenaf)
Hempa (hexamethylphosphoric triamide)
  in *Anthonomus grandis,* metabolism of 4947
  sterilant for
    Anthonomus grandis 4947
    Macrosiphum euphorbiae 752
    Spodoptera exigua 647
    S. littoralis 2013–2014
    Trogoderma granarium 1312
  with 1,4-butanediyl dimethanesulfonate, sterilant for, *Anthonomus grandis* 4947
Henosepilachna vigintioctopunctata
  control of, insecticides for 1228, 3780
  feeding behaviour in 4788
  food-plants of 940
  in Australia 2809
  in India 4790
  on *Luffa aegyptiaca* 4788
  on *Vigna unguiculata,* in Uttar Pradesh 4790
  on zucchini marrow, in Queensland 2809
Hentriacontane, in *Melanoplus sanguinipes* diet, not incorporated into cuticular lipids 4204
HEOD (*see* Dieldrin)
HEOD, 9-hydroxy- (*see* 2,7:3,6-Dimethanonaphth[2,3-*b*]oxiren-8-ol, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aα,2β,2aα,3β,6aα,7β,7aα-,8β)-)
heparana, Pandemis
Hepialidae, rearing of, diets for 1801
Hepialus dimidiatus, in Chile 2800
Hepialus humuli, in UK 3093
Hepialus lupulinus
  control of, insecticides for 4500
  in France 4500
  in UK 3093
  on *Convallaria majalis,* in France 4500
Hepialus pallens, in Chile 2800
Heptachlor (1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1*H*-indene)
  against
    Agrotis spp. 4447
    A. ipsilon 1371
    Anomala marginipennis 543

Heptachlor *contd.*
  against *contd.*
    Ceratitis capitata 2933
    Chilo agamemnon 3675
    Cosmopolites sordidus 3260
    Cylas formicarius 4802
    Diabrotica longicornis 1415
    Drosophila melanogaster 2933
    Lachnosterna consanguinea 4953
    Leucinodes orbonalis 4349
    Leucopholis coneophora 543
    Odontotermes obesus 620
    Omphisa anastomosalis 4802
    pests of cotton 4358
    Phthorimaea operculella 4346
    Polyphylla spp. 4447
    Psilopholis vestita 544
    Rhizoecus cacticans 1147
    Sesamia cretica 3675
    Spodoptera littoralis 1882
    Tanymecus dilaticollis 130, 1410, 2
    Thrips tabaci 1137
    Tibiomus gossypii 1362
    Tribolium castaneum 1633
  determination of 2468
  FAO specifications for 798
  in *Accipiter nisus,* toxicity of 3414
  in coffee, effects of 4018
  in cotton, uptake of 2953
  in fowls, residues of 2046
  in rodents, residues of 1646
  in soil
    effects on fertilizers of 2042
    insecticidal activity of 3988
    mobility of 4026
    persistence of 3988, 4027
    residues of 1652
  in *Trifolium alexandrinum,* effects of 4014
  in *Vicia faba,* effects of 4014
  in water, residues of 2495, 3415
  photolysis products of 1217
  with dimethoate, against, *Tanymecus dilaticollis* 1410
Heptachlor, β-dihydro- (*see* 4,7-Methano-1*H*-indene, 2,4,5,6,7,8,8-heptachloro-2,3,3a,4,7,7a-hexahydro-)
Heptachlor epoxide (2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2*H*-indeno[1,2-*b*]oxirene)
  against
    Ceratitis capitata 2933
    Drosophila melanogaster 2933
  determination of 2468
  in feral mammals, residues of 4966
  in fowls, residues of 2046
  in *Haliaeetus leucocephalus,* residues of 2491
  in milk, residues of 1222
  in rodents, residues of 1646
  in soil
    insecticidal activity of 3988

ichlor epoxide *contd.*
soil *contd.*
ersistence of 3988
esidues of 1652
water, residues of 2495, 3415
otolysis products of 1217
ane, 2-methyl-, in *Bombyx mori,* effects
3471
enophos (*see* Phosphoric acid, 7-
lorobicyclo[3.2.0]hepta-2,6-dien-6-yl
methyl ester)
eri, Anablaesoxipha
ophylla picea
Japan 1175
sonal abundance of 1175
lei, Euleia, (*Philophylla*)
leiphaga, Phytomyza spondylii
cleum, *Phytomyza* spp. on 2976
ultia albipennis, in USSR 3134
inothrips femoralis, in South Korea
45
leanus, Camponotus
ules 16801 (*see* Carbamic acid,
(dimethoxyphosphinothioyl)thio]acetyl]-
ethyl-, phenyl ester)
899
niae, Gilpinia, (*Diprion*)
i, Pyemotes
etia illucens, dried larvae of, as fowl
ed additive 4194
estomus brunnicornis
USSR 3945
rasitising, *Yponomeuta padellus,* in
Lithuania 3945
nanni, Phytolaema
li, Acmopolynema
eridum, Calypticus
eridum, Coccus
erius, Pityotrichus
erus, Lygus
erus, Pimpla
rarthrus vagans
logy of 3671
Netherlands 3671
Alnus, in Netherlands 3671
rasitised by, *Chrysocharis phyllotomae,*
in Netherlands 3671
tonomy of, characters distinguishing
Fenusa dohrnii and 3671
rocampa guttivitta
undity in, effects of food-plant on
3822
USA 4216
rasitised by, *Telenomus coelodasidis,* in
USA 4216
rocampa manteo
ntrol of, *Bacillus thuringiensis* for
4520
USA 4520
Quercus, in Missouri 4520
rocampa pseudotsugata, in USA 4382

Heterocerus niloticus
  flight activity in 376
  in Egypt 376
Heterococcus nudus (see *H. pulverarius*)
Heterococcus pulverarius
  in USA 4230
  on *Lolium perenne,* in Ohio 4230
  preyed on by, *Chamaemyia polystigma,* in Ohio 4230
Heterodera avanae, control of, nematicides for 5243
Heterodera rostochiensis
  control of
    nematicides for 5243
    soil fumigants for 1592
Heterodera schachtii, control of, nematicides for 5243
Heterogaster cathariae
  in Bulgaria 2279
  on medicinal plants, in Bulgaria 2279
Heteroligus meles
  in Ivory Coast 2361
  in Nigeria 2361
  on yam
    in Ivory Coast 2361
    in Nigeria 2361
Heteromera, keys to 2097
Heteronychus arator
  in New Zealand 3651
  preyed on by, *Apteryx australis,* in New Zealand 3651
Heteroptera
  in Kazakhstan 2623
  in grassland, effects of grazing on 3707
  in oak-hornbeam forests 2251
  preying on, Tetranychidae, in Poland 563
Heterorrhina mutabilis
  in India 2224
  on maize, in Rajasthan 2224
Heterotermes indicola
  activity of, effects of wood-destroying fungi on 1860
  attractants for, in pine timber 1021
  gut symbionts in, effects of drugs on 2697
  in packaging materials, damage caused by 3865
  repellents for, in pine timber 1021
Heterotex (*see* Dimethoate, with trichlorphon)
Hexachlorobutadiene (*see* 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-)
Hexacola hexatoma
  in USA 1838
  parasitising, *Oscinella frit,* in Virginia 1838
10,12-Hexadecadien-1-ol, (*Z,E*)-, in *Bombyx mori,* perception of 38
7,11-Hexadecadien-1-ol
  acetate, (*E,E*)-, *Pectinophora gossypiella* responses to 4591

7,11-Hexadecadien-1-ol *contd.*
- acetate, (*E,Z*)-, *Pectinophora gossypiella* responses to 4591
- acetate, (*Z,E*)-
  - *Pectinophora gossypiella* responses to 4591
  - with (7*Z*,11*Z*)-7,11-hexadecadienyl acetate
    - attractant for, *Pectinophora gossypiella* 4591
    - *Pectinophora gossypiella* sex pheromone 4591
- acetate, (*Z,Z*)-
  - *Pectinophora gossypiella* responses to 4591
  - with (7*E*,11*Z*)-7,11-hexadecadienyl acetate
    - attractant for, *Pectinophora gossypiella* 4591
    - *Pectinophora gossypiella* sex pheromone 4591

Hexadecanoic acid (palmitic acid)
- diet component for, *Hylobius pales* 1348
- in aphid cornicle secretions 1295
- in aphids and their cornicle secretions 4083
- in *Dacus oleae,* developmental changes in 4599
- in *Dendroctonus frontalis,* developmental changes in 4594
- in *Malacosoma californicum,* effects of JH mimics on utilisation of 1304
- in soy-bean oil, increased by *Nezara viridula* damage to seeds 1488
- in *Vitula edmandsii* 2544
- with sucrose, *Plodia interpunctella* responses to 371

1-Hexadecanol, acetate, not affecting attractancy of *Pectinophora gossypiella* sex pheromone 4591

9-Hexadecenoic acid
- (*Z*)- (palmitoleic acid)
  - in *Ceratitis capitata,* developmental changes in 4599
  - in *Dacus oleae,* developmental changes in 4599
  - in *Vitula edmandsii* 2544

7-Hexadecen-1-ol
- acetate, (*Z*)-
  - attractant for
    - *Pectinophora gossypiella* 78, 2580
      - inhibited by other isomers 3795
  - *Pectinophora gossypiella* responses to 4591
    - inhibitors of 3418

8-Hexadecen-1-ol, 14-methyl-, (*Z*)-, *Trogoderma inclusum* sex pheromone 65

2,4-Hexadienoic acid (sorbic acid)
- against
  - *Attagenus megatoma* 4514

2,4-Hexadienoic acid *contd.*
- against *contd.*
  - *Tribolium confusum* 267
  - *Trogoderma variabile* 268, 4514
- diet component for
  - *Chilo auricilius* 4094
  - *Hypera postica* 4661
  - *Ostrinia nubilalis* 1353
  - *Popillia japonica* 4660
  - *Spodoptera littoralis* 1790
  - *Wiseana* spp. 1801
  - *Xyleborus ferrugineus* 1358
- in aphid cornicle secretions 1295
- in aphids and their cornicle secretions 4083
- potassium salt
  - diet component for
    - *Dacus oleae* 5047
    - *Lobesia botrana* 32
    - *Sesamia nonagrioides* 3556
  - in *Citrus,* effects on mites of 3744
  - in rearing media, determination of 4645

Hexalure (*see* 7-Hexadecen-1-ol, acetate, (*Z*)-) 78

Hexamermis
- hosts of 1019
- in, *Agriotes obscurus,* in Switzerland 3662

Hexamermis arvalis, in, *Agrotis ipsilon,* i Illinois 2673

Hexane, as solvent for timber preservativ 4407

2,5-Hexanedione, in *Pinus* timber, attrac for, termites 1021

Hexanoic acid
- in aphid cornicle secretions 1295
- in aphids and their cornicle secretions 4083

Hexanoic acid, 2,6-diamino-, (*S*)- (*see* L-Lysine)

Hexanoic acid, 2-ethyl-, 3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester, against, *Tetranychus urticae* 270

1-Hexanol, from *Solanum campylacanthu* phagostimulant for *Epilachna fulvosignata* 1300

hexaspilota, Aiolocaria

hexatoma, Hexacola

2-Hexenoic acid, 2,4-dimethyl-, in *Camponotus* mandibular gland secreti 3112

2-Hexen-1-ol, (*Z*)-, from *Solanum campylacanthum,* phagostimulant for *Epilachna fulvosignata* 1300

3-Hexen-1-ol, (*Z*)-, from *Solanum campylacanthum,* phagostimulant for *Epilachna fulvosignata* 1300

Heydenia unica
- in USA 4710

enia unica *contd.*
asitising, *Dendroctonus frontalis,* in
USA 4710
i, Acromyrmex
N (*see* Aldrin)
i, Amblyseius, (*Euseius*)
cus
his gossypii on, in New Zealand 4560
ias insulana on, antifeedants for 2829
conellicoccus hirsutus on, in New
Britain 4144
cus abelmoschus, *Earias insulana* on, in
ypt 4191
cus cannabinus (see Kenaf)
cus esculentus (see Okra)
cus rosa-sinensis
ococcus spp. on, in India 317
ias insulana on, in Egypt 4191
trococcus iceryoides on, in Madhya
Pradesh 191
cus sabdariffa (see Roselle)
cus trionum, *Earias insulana* on, in
ypt 4191
ae, Eotetranychus
glyphodes, taxonomy of, revision of
75
glyphus, taxonomy of, revision of
75
glyphus nigrorepletus, embryonic
velopment in, duration of 2644
s, Aulacophora
s, Bagrada
cerus apterus, pesticides in, toxicity of
78
astrum, *Steneotarsonemus laticeps* on,
UK 1148
castani, Edwardsiana
castani, Melolontha
odamia caseyi
regation sites of 2667
Canada 2667
odamia convergens
ersal of 4706
Mexico 1511, 4250
USA 4706, 4816
cticides in, toxicity of 4250, 4816
ying on, *Schizaphis graminum,* in
Mexico 4250
odamia oregonensis
regation sites of 2667
Canada 2667
odamia parenthesis
ersal of 4706
USA 4706
odamia tredecimpunctata, in USSR
00
odamia tredecimpunctata tibialis
persal of 4706
USA 4706
odamia variegata (see *Adonia*)
ophae rhamnoides, *Euproctis*
hrysorrhoea on, in France 565

hippophaes, Capitophorus
Hippotion celerio
  in India 2315
  on *Vitis quadrangularis,* in India 2315
hirsuta, Forda
Hirsutella thompsonii
  against, *Phyllocoptruta oleivora* 181
  culture of 2003
  in, *Phyllocoptruta oleivora* 2003
hirsutiventris, Chrysocharis
hirsutus, Maconellicoccus
hirta, Mycetaea
hirtifemora, Spilochalcis
hirtipennis, Epitrix
hirtipes, Rhopalomyia
hirtus, Blissus leucopterus
Hispa armigera (see *Dicladispa*)
hispanicus, Aphytis
hispida, Ocnera
hispidulus, Sitona
hispidus, Acromyrmex
Histeridae, in Poland 297
L-histidine
  in *Anthonomus grandis,* dietary requirement for 3558
  in *Aphis fabae,* apterae formation induced in absence of 2988
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Myzus persicae,* not affecting aminopterin depression of wing formation 5008
  in *Picea abies,* effects on mite infestations of 1960
  in *Scirpophaga nivella,* dietary requirement for 3000
histrionica, Murgantia
HMAC (*see* 1-Aziridinecarboxamide, *N,N'*-1,6-hexanediylbis-)
  4606
Hockeria, parasitising, *Gypsonoma aceriana,* in Yugoslavia 687
Hodotermes mossambicus (see also *Macrotermes mossambicus*)
  control of
    baits for 275, 776
    insecticides for 146, 275, 534, 2010
    non-target effects of 2010
  in South Africa 72, 146, 275, 534, 776, 2010
  in veld, damage caused by 534
  nests of, oxygen supply in 72
HOE 2873 (*see* Pyrazolo[1,5-*a*]pyrimidine-6-carboxylic acid, 2-[(diethoxyphosphinothioyl)oxy]-5-methyl-, ethyl ester)
  3744
HOE 2960 (*see* Phosphorothioic acid, *O,O*-diethyl *O*-(1-phenyl-1*H*-1,2,4-triazol-3-yl) ester)
  172
  1083

- **HOE 2960** *contd.*
    - 1224
    - 1922
    - 3748
- **HOE 2982** (*see* Phosphoric acid, 7-chlorobicylo[3.2.0]hepta-2,6-dien-6-yl dimethyl ester)
    - 1239
- ***Hoenimnema,*** gen. n., description of 4054
- ***Hofmannophila pseudospretella***
    - in UK 5206
    - in dried forage, damage caused by 3864
    - in textiles, in UK 5206
- ***Holarrhena floribunda,*** *Imbrasia epimethea* on, in Nigeria 3283
- ***Holcocera pulverea***
    - fats in 4108
    - in India 4108
    - preying on, *Kerria lacca* 4108
- ***Holcus mollis,*** *Leptopterna dolobrata* on, in UK 3041
- **Hollyhock** (see *Althaea rosea*)
- ***hololeucus, Ceroplastes***
- ***Holotrichia*** (see *Lachnosterna*)
- ***Holotrichia consanguinea*** (see *Lachnosterna*)
- ***Homaloplia svanetica***
    - sp. n., description of 2967
    - in USSR 2967
    - on hazel, in Georgia (USSR) 2967
    - on *Quercus,* in Georgia (USSR) 2967
- ***Homalotylus quaylei***
    - in India 4229
    - parasitising, *Nephus regularis,* in Madhya Pradesh 4229
- ***Homo sapiens*** (see Man)
- ***Homoeosoma electellum***
    - control of, insecticides for 3242
    - in USA 3242
    - on *Carthamus tinctorius,* in California 3242
- ***homopolia, Tracholena***
- **Homoptera,** on medicinal plants, in Bulgaria 120
- ***Homorocoryphus nitidulus***
    - in USSR 5097
    - on *Citrus,* in USSR 5097
    - on rice
        - damage caused by 5097
        - in USSR 5097
    - on tea, in USSR 5097
- **Honduras**
    - *Coccus capparidis* in 4640
    - *Dioryctria abietella* in, on *Pinus* 3264
    - *D. erythropasa* in, on *Pinus* 3264
    - *Rhyacionia frustrana* in, on *Pinus* 3264
- ***honesta, Bactra***
- **Honey**
    - attractant for, *Synanthedon myopaeformis* 1090
    - carbaryl in, residues of 4981
- **Honey** *contd.*
    - diet component for
        - *Agrotis ipsilon* 4121
        - *Apanteles angaleti* 4164
        - *Autographa gamma* 4088
        - *Bracon hebetor* 4164
        - *Cardiochiles nigriceps* 3555
        - *Chrysopa perla* 3456
        - *Cryptophlebia leucotreta* 4814
        - *Hylemya antiqua* 4348
        - *Liriomyza congesta* 3228
        - *Monomorium pharaonis* 4691
        - *Pegomya mixta* 1491
        - *Phytoseiulus persimilis* 2266
        - *Piophila casei* 5205
        - *Solenopsis invicta* 4687
        - *Trichogramma pretiosum* 4712
- **Hop** (*Humulus lupulus*)
    - dimefox in, residues of 5077
    - endosulfan in, determination of 3051
    - *Fusarium* spp. in, in England 2280
    - *Hepialus* spp. on, in UK 3093
    - *Hydraecia micacea* on, in England 22
    - *Myzus humuli* on
        - in Czechoslovakia 121–122
        - in Norway 5127
        - in West Germany 4731–4732
    - *Otiorhynchus singularis* on, in UK 4
    - pest control on, evaluation of 4731
    - *Tetranychus urticae* on, in Czechoslova 1733
- ***Hoplocampa***
    - control of, insecticides for 4466
    - on pear, in Turkey 4466
- ***Hoplocampa brevis***
    - in Spain 3203
    - on pear, in Spain 3203
- ***Hoplocampa minuta***
    - biology of 155
    - in Romania 155, 3728
    - on plum, in Romania 3728
    - population dynamics of 3728
- ***Hoplocampa testudinea***
    - control of 4294
    - fungi in, in Lithuania 3948
    - in UK 4294
    - in USSR 3948
    - on apple
        - damage caused by 4294
        - in UK 4294
- ***hordei, Pachytychius***
- ***Hordeum,*** *Aelia germari* on, in Spain 14
- ***Hordeum distichon*** (see Barley)
- ***Hordeum vulgare*** (see Barley)
- ***Hordnia circellata,*** Pierce's disease, causa agent in, transmission of 554
- ***Horismenus,*** in Nearctic region 4043
- ***Horismenus texanus***
    - in USA 1838
    - parasitising, *Oscinella frit,* in Virginia 1838

nes
nsects
orphogenetic action of 3591
le in behaviour of 3463
eam (see *Carpinus betulus*)
Capitophorus
Megaceresium
inus, Tenuipalpus
enes fenestralis, taxonomy of, parasite
Heliothis armigera in India
sidentified as 3124
enes punctoria (see *Nythobia*)
(*Equus caballus*)
amates in, effects of 3618
sis, Bourletiella
ola, Anomala
ola, Phytomyza
anus, Microterys
hi, Scotinophara
, Microgaster
als, *Monomorium pharaonis* in, in
st Germany 3637
tox
nst
eratitis capitata 2933
rosophila melanogaster 2933
di, Diabrotica undecimpunctata
16 (*see* Bi-2,4-cyclopentadien-1-yl,
',2,2',3,3',4,4',5,5'-decachloro-)
brensis, Liriomyza
alis, Rhynchocoris
alis, Sitona
alis, Urophorus
lity
ts of, on
canthoscelides obtectus 4632
grotis ipsilon 4120
avelerius excavatus 5079
ostelytra zealandica 1442
ryptotermes brevis 1399
ermestes maculatus 5203
yprepocnemis alacris 4208
nathocerus maxillosus 2109
eptinotarsa decemlineata 931
elanotus communis 1760
yelophilus spp. 4037
ryzaephilus surinamensis 1758, 3524
tiorhynchus sulcatus 3527
anonychus citri 3750
ectinophora gossypiella 3021, 3507
ests of lucerne 3030
hyzopertha dominica 4632
itophilus granarius 4632
oryzae 4632
enebrio molitor 1176–1177
inea pellionella 1762
rioza erytreae 179
is, Hyperodes
is, Iridomyrmex
eli, Chrysopa
li, Hepialus
li, Myzus, (*Phorodon*)

Humulus lupulus (see Hop)
Hungariella pretiosa, in Italy 580
Hungary
  Acanthoscelides obtectus in, on bean 1118
  Adoxophyes orana in
    natural enemies of 2503
    on apple 2503
  Aelia spp. in, natural enemies of 3644
  Agriotes spp. in 3621
  apple in, pests of 1084
  Cydia funebrana in, on plum 1903
  C. molesta in, on peach 3205
  C. pomonella in, on apple 1900, 3916, 5126
  C. pyrivora in, on pear 567
  Drosophilidae in, on mushrooms 5074
  Eulecanium prunastri in, on peach 3207
  Eurygaster spp. in, natural enemies of 3644
  Frankliniella intonsa in 1811
  Haplodiplosis equestris in, on wheat 3154
  Melanagromyza spp. in, natural enemies of 4042
  Ostrinia nubilalis in 3688
  Parthenolecanium corni in, on peach 3207
  pear in, pests of 1084
  Physokermes inopinatus in, on *Picea* 4373
  Pieris brassicae in
    natural enemies of 3222
    on cabbage 3222
  Quadraspidiotus perniciosus in, on peach 3207
  quince in, pests of 1084
  Subcoccinella vigintiquattuorpunctata in, on lucerne 5037
  Thomasiniana theobaldi in, on raspberry 3716
  Trialeurodes vaporariorum in, on maple 3305
huttoni, Nysius
huttoni, Pentarthrum
hutu, Amblyseius
Hyadaphis coriandri
  in India 3148
  on fennel
    in Rajasthan 3148
    resistance to 3148
Hyadaphis erysimi (see also *Lipaphis erysimi*)
  biology of 600, 1911
  control of
    insecticides for 2349, 2808, 3770
    juvenile hormone analogues for 1588
  feeding behaviour in, effects of sinigrin on 1701
  fertility in, effects of antibiotics on 1480
  in India 1127, 2349, 2808, 3770
  in South Africa 600–601, 1479, 1911

- ***Hyadaphis erysimi*** *contd.*
  - in South Korea 265
  - in USA 3762
  - natural enemies of, in South Africa 601
  - on cabbage, in South Africa 600–601, 1479, 1911
  - on mustard
    - in California 3762
    - in India 2808, 3770
    - in Uttar Pradesh 2349
  - on potato, in India 1127
  - on rape, in California 3762
  - preyed on by
    - *Menochilus sexmaculatus* 2470
    - Syrphidae 3664
- ***Hyadaphis erysimi pseudobrassicae*** (see *Lipaphis erysimi*)
- ***Hyadaphis foeniculi***
  - in Turkey 4458
  - on *Pimpinella anisum,* in Turkey 4458
- ***Hyadaphis pseudobrassicae*** (see *Lipaphis erysimi*)
- ***hyalinipennis, Oxycarenus***
- ***Hyalomyodes triangulifer***
  - in USA 5105
  - parasitising, *Hypera postica,* in Georgia (USA) 5105
- ***Hyalophora cecropia***
  - cecropia C_{18} hormone in, metabolism of 3473
  - eclosion in 2534
  - haemolymph in, inorganic ions in 898
  - haemolymph trehalose regulation in 2533
  - warm-up in 2581
- ***Hyalopterus amygdali,*** sharka virus in, not transmitted 1569
- ***Hyalopterus pruni***
  - biology of 571, 1893–1894, 5127
  - control of 571
    - insecticides for 1894, 2455, 4467
  - feeding behaviour in 3037
  - in Egypt 1893–1894
  - in Iraq 921
  - in Norway 5127
  - in UK 571, 4187
  - landing response in 4187
  - on apricot
    - in Egypt 1893–1894
    - in Iraq 921
  - on peach 4467
    - in Egypt 1893–1894
    - in Iraq 921
  - on *Phragmites communis*
    - in Egypt 1893–1894
    - in Norway 5127
  - on plum
    - damage caused by 571
    - in Norway 5127
    - in UK 571
  - parasitised by
    - *Aphelinus* spp., in Iraq 921
- ***Hyalopterus pruni*** *contd.*
  - parasitised by *contd.*
    - *Aphidius transcaspicus,* in Iraq 921
    - *Praon volucre,* in Iraq 921
  - preyed on by, *Chrysopa* spp., in Iraq 921
  - sharka virus in, not transmitted 1569
  - watermelon mosaic virus in, transmissi of 735
- **Hyamine 3500,** diet component for, *Popil japonica* 4660
- ***Hydraecia micacea***
  - biology of 2280
  - control of, insecticides for 2280
  - in UK 2280
  - on hops, in UK 2280
- ***Hydraecia xanthenes***
  - in Spain 3095
  - on globe artichoke, in Spain 3095
- **Hydrazine, phenyl-,** hydrochloride, in *Schistocerca gregaria,* effects on neuromuscular system of 2235
- **Hydrazoic acid**
  - against
    - *Attagenus megatoma* 4939
    - *Lasioderma serricorne* 4939
    - *Tribolium confusum* 4939
- ***Hydrellia***
  - control of, insecticides for 2735
  - on cotton
    - in Egypt 1449
    - resistance to 1449
  - on rice 4262
    - in Egypt 2735
- ***Hydrellia griseola***
  - biology of 2731, 3694
  - control of 2731
  - in USSR 2731, 3694
  - on rice
    - in Soviet Far East 2731
    - in Ukraine 3694
- ***Hydrellia philippina***
  - biology of 523
  - control of 1872
    - insecticides for 523–524
  - *Entomophthora* spp. in, in Philippines 523
  - in Philippines 523–524, 1872
  - on rice
    - in Philippines 523–524, 1872
    - resistance to 4260
  - parasitised by
    - *Opius* spp., in Philippines 523
    - *Tetrastichus* spp., in Philippines 52
- **Hydrochloric acid**
  - diet component for
    - *Dacus oleae* 5047
    - *Sesamia nonagrioides* 3556
- ***Hydrocynus forskahlii,*** insecticides in, residues of, in Chad 4536
- **Hydrogen peroxide,** resistance to, in *Rickettsiella melolonthae* 739

drogen sulfide, in soil, effects on
  arthropods of 2166–2167
drogenomonas, DDT in, degradation of
  3980
drologic environment, pesticides in,
  determination 2190
rophilus, Mastrus
ydroxycarbofuran (*see* 3,7-
  Benzofurandiol, 2,3-dihydro-2,2-
  dimethyl-, 7-(methylcarbamate))
droxydiazinon (*see* Phosphorothioic acid,
  O,O-diethyl *O*-[2-(1-hydroxy-1-
  methylethyl)-6-methyl-4-pyrimidinyl]
  ester)
droxylase, aniline (*see* Oxygenase, aryl 4-
  mono-)
lamorpha elegans, in Chile 2800
lastes, in UK 3285
lastes ater
  ttraction of, to *Myelophilus piniperda*
    pheromone 4840
  n West Germany 4840
lastes obscurus, on *Trifolium pratense*,
  preferring diseased roots 1445
lastes rufipes
  n Canada 2392
  n timber, imported into UK 2392
lastinus obscurus (see *Hylastes*)
lecoetus dermestoides
  iology of 4390
  ngi associated with, in West Germany
    2394
  n Austria 4390
  n West Germany 2394
  n *Fagus sylvatica*
    in Austria 4390
    in West Germany 2394
lemya antiqua
  ndrogenesis in 3010
  iology of 1130, 2822, 4348
    effects of insecticide resistance on
      1921
  ontrol of 2822
    insecticides for 629, 1922, 3241, 3575,
      4500
    sterile-insect release for, computer
      simulation of 3912
  n Canada 1922
  n France 1921, 4500
  n Netherlands 3912
  n Norway 3241
  n Poland 3575
  n Turkey 4444
  n UK 2822
  n USA 629
  n USSR 1130
  n garlic, in Buryatia 1130
  n leek
    in France 4500
    in Turkey 4444
  n onion
    in Buryatia 1130
Hylemya antiqua *contd.*
  on onion *contd.*
    in France 1921, 4500
    in Netherlands 3912
    in Norway 3241
    in Poland 3575
    in Quebec 1922
    in Turkey 4444
    in Washington 629
Hylemya arambourgi
  in Rhodesia 4742
  on wheat, in Rhodesia 4742
Hylemya brassicae
  aggregation in, at hedges 3769
  aldrin resistance in, in Wisconsin 1498
  biology of 1483, 4131
  control of 1483
    crop management for 598
    insecticides for 195, 598, 1498, 2348,
      3611, 3778, 4500, 4804
    sterile-insect release for 603
  dispersal of 3031
  in Belgium 1196, 2348, 3611
  in Canada 606
  in France 3778, 4500
  in Netherlands 195, 3615
  in UK 605, 1483, 3223, 3769
  in USA 1498, 4804
  in USSR 598
  on brussels sprouts
    in France 4500
    in Netherlands 195
  on cabbage
    in France 4500
    in USSR 598
  on cauliflower
    distribution pattern of 3223
    in Belgium 1196, 2348, 3611
    in England 3223
    in France 4500
    in UK 605
  on radish, in Ontario 606
  on swede, in Wisconsin 1498, 4804
  on turnip
    damage caused by 3778
    in France 3778, 4500
    in Wisconsin 1498
  parathion susceptibility in, effects of food-
    plant on 1632
  predators of
    effects of insecticide placement on
      1498
    in Netherlands 3615
  reproduction in 892, 1747
  sterilisation of
    chemosterilants for 603, 605
    γ-irradiation for 603, 1196
Hylemya cilicrura (see *H. platura*)
Hylemya coarctata
  Entomophthora dipterigena in, in UK
    4435
  E. hylemyiae in, in UK 4435

Hylemya coarctata *contd.*
  Entomophthora contd.
  E. muscae in, in UK 4435
  flight activity in 1919
  in UK 1037, 4435, 4738–4739, 5034
  in West Germany 1919
  mortality in 4738–4739
  on wheat
    distribution pattern of 5034
    in UK 1037, 5034
  oviposition in 1919
  population dynamics of 1037
Hylemya floralis
  control of, insecticides for 602
  in Mongolia 602
  in Norway 2573
  larval development in 2573
  on cabbage, in Mongolia 602
  on swede, in Norway 2573
  on turnip, in Norway 2573
  oviposition in 2572–2573
Hylemya florilega
  in Canada 606
  on radish, in Ontario 606
Hylemya gnava
  in Poland 1245
  on lettuce, in Poland 1245
Hylemya laricicola
  in Poland 688
  on *Larix decidua,* in Poland 688
  parasititised by, *Anogmus laricis,* in Poland 688
Hylemya liturata (see *H. florilega*)
Hylemya platura
  biology of 2822
  control of 2822
    insecticides for 3227
  food-plants of, in Turkey 4444
  in Canada 606
  in Rhodesia 4742
  in Turkey 4444
  in UK 2355, 2822
  in USA 3227
  on bean, in New York 3227
  on brussels sprouts, in UK 2355
  on maize, in New York 3227
  on pea
    in New York 3227
    in UK 2355
  on radish, in Ontario 606
  on wheat, in Rhodesia 4742
Hylemya securis, in Romania 2282
Hylemya seneciella
  in France 1400
  on *Senecio jacobaea*
    and biological control using
      in Canada 1400
      in USA 1400
Hyles lineata livornica
  in Turkey 4469
  on grape vine, in Turkey 4469
Hylesia nigricans
  control of, *Bacillus thuringiensis* for 75
  in Argentina 753
Hylesinus vestitus
  in Turkey 4480
  on *Pistacia vera,* in Turkey 4480
Hylobius abietis
  alimentary canal in, passage of food through 1291
  Fomes annosus in, survival of 1570
Hylobius pales
  abnormalities in 2102
  control of, insecticides for 1954, 1961, 5184
  in USA 1961
  on *Pinus taeda*
    in Arkansas 1961
    in Oklahoma 1961
  rearing of, diets for 1348
Hylophila prasinana (see *Bena*)
hylotomarum, Tetrastichus
Hylotrupes bajulus
  antennal sensilla in 3447
  control of 1556
    evaluation of timber preservatives for 4406
  in West Germany 1556
  in timber, in West Germany 1556
  rearing of, techniques for 4166
Hylurdrectonus araucariae
  immature stages of 869
  adults of, distinguishing sexes of 4838
  in Papua New Guinea 4838
Hylurdrectonus piniarius, immature stages of 869
Hylurgopinus rufipes (see *Hylastes*)
Hylurgops palliatus
  attraction of, to *Myelophilus piniperda* pheromone 4840
  biology of 1968
  in Denmark 1968
  in West Germany 710, 4840
  on *Picea,* in West Germany 710
Hymenia recurvalis
  biology of 3237
  control of 3237
  in Australia 3237
  in India 1111
  on *Amaranthus,* in India 1111
  on beet, in New South Wales 3237
Hymenoptera
  egg deposition in 3653
  host specificity in 466
  in USSR 3657
  in Yugoslavia 4933
  malathion in, toxicity of 4011
  parasitising, sawflies, host specificity in 811
hyoscyami, Pegomya
Hypera brunneipennis
  control of 2794
  in Mexico 2794

ypera brunneipennis contd.
  on lucerne, in Mexico 2794
ypera compta
  food-plants of 3531
  in Canada 3531
  in USA 3531
  parasites of 3531
ypera eximia
  food-plants of 3531
  hyperparasites of 3531
  in Canada 3531
  in USA 3531
  parasites of 3531
ypera paludicola
  sp. n., description of 3531
  in USA 3531
  on *Rumex verticillatus,* in Missouri 3531
  parasites of 3531
ypera postica
  biology of 4127, 4761
  control of, insecticides for 1197, 1443, 1448, 1880, 2032, 3708, 4526, 4762
  feeding in, effects of boron on 3710
  in Canada 1447
  in France 3708
  in Iran 1197
  in Lebanon 1880, 4526, 4761
  in Saudi Arabia 1443
  in USA 1448, 3176, 3933, 4127, 4762, 5105
  in USSR 147
  larval feeding in, effects of parasitism on 3666
  literature on 537
  olfactory responses in 4626–4627
  on lucerne
    assessing infestations of 3176
    effects of cutting date on 3933
    in France 3708
    in Illinois 4127
    in Indiana 4127
    in Iran 1197
    in Kentucky 1448
    in Lebanon 1880, 4526, 4761
    in Maryland 3176
    in Michigan 3933
    in Ontario 1447
    in Saudi Arabia 1443
    in South Dakota 4762
    in USSR 147
  oviposition in 3173
    effects of boron on 3710
  parasites of
    detection of 4156
    effects of insecticides on 4762
  parasitised by
    Bathyplectes anurus 3666
    B. curculionis 3666, 4156
      in Georgia (USA) 5105
      in Michigan 3933
      in South Dakota 4762
    Fidiobia rugosifrons, in Ontario 1447

Hypera postica contd.
  parasitised by *contd.*
    Hyalomyodes triangulifer, in Georgia (USA) 5105
    Microctonus aethiops 4221
    Patasson luna, in Ontario 1447
    Peridesmia discus 2194
  rearing of, diets for 4661
  reproduction in, effects of apholate on 1582
Hypera rumicis, taxonomy of 3531
Hyperaspini, in Kazakhstan 2621
Hyperaspis
  preying on
    Maconellicoccus hirsutus, and biological control using, in New Britain 4144
    Saccharicoccus sacchari, and biological control using, in Barbados 4247
Hyperaspis congressis
  in Canada 3649
  preying on, *Toumeyella numismatica,* in Manitoba 3649
Hyperaspis maindroni, in India 1012
Hyperaspis trilineata
  in Barbados 4247
  preying on, *Saccharicoccus sacchari,* in Barbados 4247
Hypericum perforatum, control of, biological, in South Africa 1027
Hyperodes
  biology of 1438
  control of 1438
  in USA 1438
Hyperodes anthracinus
  biology of 2303
  control of 2303
  in USA 2303
  on *Poa annua,* in Connecticut 2303
Hyperodes anthrosionus (see *H. anthracinus*)
Hyperodes bonariensis
  in New Zealand 4281, 4698
  preyed on by, *Sturnus vulgaris,* in New Zealand 4281, 4698
Hyperodes humilis
  control of, insecticides for 1041
  in USA 1041
  on maize, in Florida 1041
Hyperodes maculicollis
  biology of 2303
  control of 2303
  in USA 2303
  on *Poa annua,* in Connecticut 2303
Hyperomyzus lactucae (see also *Amphorophora lactucae*)
  flight activity in 4186
  in New Zealand 1568
  in Poland 462
  in UK 4186
  lettuce necrotic yellows virus in, transmission of 1568

Hyperomyzus lactucae *contd.*
  preyed on by
    Harmonia axyridis 4724
    Syrphidae 3664
      in Poland 462
  sowthistle yellow vein virus in
    effects of 4871
    transmission of 4419
  traps for 4186
  watermelon mosaic virus not transmitted by 735
Hyphantria cunea
  control of
    Bacillus thuringiensis for 1186, 5225
    biological 3643
    insecticides for 156
  emergence in 383
  fecundity in, effects of food-plant on 12
  fungi in, in South Korea 3642
  genitalia in 4067
  in Romania 156
  in South Korea 12, 81, 3642
  in USA 1454
  in USSR 1654
  life history of, effects of temperature on 219
  mating activity in 1454
  mating behaviour in 3517
  Nosema spp. in, pathogenicity of 3339
  nuclear polyhedrosis virus in
    effects of 4897
    in soil, distribution of 1998
    pathogenicity of 3339
  on apple, in Romania 156
  on mulberry, in Romania 156
  on pecan, in Louisiana 1454
  on plum, in Romania 156
  on *Populus euroamericana,* in South Korea 12
  parasites of, in South Korea 3642
  Pleistophora schubergi in, pathogenicity of 3339
  predators of, in South Korea 3642
  pupal weight in, effects of food-plant on 12
  sex pheromone of 81, 1654
  traps for 81
hyphantriae, Apanteles
hyphantriae, Meteorus
hypnorum, Tachyporus
Hypocala moorei
  biology of 1471
  in Japan 1471
Hypocala plumicornis
  biology of 1471
  in Japan 1471
Hypocala rostrata
  biology of 1471
  in Japan 1471
Hypochlorous acid
  sodium salt
    in *Trichoplusia ni,* dissolving chorion
      unfertilised eggs 8
    surface-sterilant for
      Acheta domesticus eggs 1793
      Heliothis virescens eggs 4424
      Trichoplusia ni eggs 3565
Hypolixus truncatulus
  in India 1111
  on *Amaranthus,* in India 1111

Hypomicrogaster tiro
  biology of 1849
  descriptions of 1849
  in France 1849
  parasitising
    Cnephasia incertana, in France 184
    C. interjectana, in France 1849
    C. pumicana, in France 1849
    C. stephensiana, in France 1849
Hyponomeuta (see *Yponomeuta*)
Hyponomeuta cognatellus (see *Yponome*
Hyponomeuta mahalebellus (see *Yponomeuta*)
Hyponomeuta malinellus (see *Yponomeu padellus malinellus*)
Hyponomeuta padellus (see *Yponomeuta*
Hypophloeus linearis, in USSR 3955
Hypopota caestrum, in Bulgaria 1457
Hypopteromalus tabacum
  in USA 5059
  parasitising, *Apanteles congregatus,* in North Carolina 5059
Hyposoter exiguae
  development in, effects of host on 26
  parasitising, *Trichoplusia ni* 2670
Hyposoter validus
  in USSR 1151
  parasitising, *Dendrolimus superans,* in USSR 1151
Hypothenemus hampei
  control of, insecticides for 4018
  in Brazil 4018
  on coffee
    in Brazil 4018
    varietal preferences of 652
Hypsipyla, on Meliaceae, in Nigeria 48
Hypsipyla ferrealis
  biology of 3267
  in Brazil 3267
  in Costa Rica 3267
  in Trinidad and Tobago 3267
  in Venezuela 3267
  on *Carapa guianensis,* in Costa Rica 3267
Hypsipyla grandella
  biology of 3266
  emergence in 3265
  in Costa Rica 3268–3269
  on *Cedrela odorata,* in Costa Rica 32

***ypsipyla grandella** contd.*
  on *Cedrela tonduzzi,* in Costa Rica 3268–3269
  on *Swietenia macrophylla,* in Costa Rica 3269
  parasitised by
    Brachymeria conica, in Costa Rica 3269
    Trichogramma beckeri, in Costa Rica 3268
    T. fasciatum, in Costa Rica 3269
ypsipyla robusta
  in Nigeria 4842
  on Meliaceae, in Nigeria 4842
oudaei, Proctolaelaps
rax, Chilo
ysteropterum bilobum
  in Turkey 4480
  on *Pistacia vera,* in Turkey 4480
ysteropterum grylloides
  in Turkey 4469
  on grape vine, in Turkey 4469
A (plant growth regulator) (*see* 1*H*-Indole-3-acetic acid)
lia drewseni
  in Belgium 458
  in Poland 685
  parasitising
    Sirex juvencus, in Poland 685
    Siricidae, in Belgium 458
lia leucospoides
  in Belgium 458
  in Poland 685
  parasitising
    Sirex imperialis, and biological control using, in Pakistan 2863
    S. juvencus, in Poland 685
    S. noctilio, in Poland 685
    Siricidae, in Belgium 458
    Urocerus gigas, in Poland 685
    Xeris spectrum, in Poland 685
liidae, in Poland 2975
sia, Ecpantheria
rya aegyptiaca
  food-plants of 3123
  in Pakistan 3123
  parasitised by
    Cryptochetum grandicorne, in Pakistan 3123
    Tetrastichus spp., in Pakistan 3123
  preyed on by
    Rodolia ruficollis, in Pakistan 3123
    Scymnus coccivora, in Pakistan 3123
rya purchasi
  biology of 1584, 3659
  food-plants of 3659
  in Ethiopia 1827
  in Kenya 3650
  in USA 1584
  in USA (Hawaii) 3659
  in USSR 1142, 1883

***Icerya purchasi** contd.*
  on *Citrus*
    in California 1584
    in Ethiopia 1827
  on tea, in USSR 1142
  parasitised by, *Cryptochetum iceryae,* in Hawaii 3659
  preyed on by
    Cryptochetum iceryae, in California 1584
    Rodolia spp., and biological control using, in USSR 1883
    R. cardinalis 3659
      and biological control using, in Kenya 3650
      in California 1584
iceryae, Cryptochetum
iceryoides, Rastrococcus
Ichneumonidae
  host selection in 815
  host specificity in 815
  in USSR 3828
  parasitising
    Milionia isodoxa, in Papua New Guinea 4395
    Plutella xylostella, in USSR 5139
idaeusalis, Platynota
Idaho
  Coleophora laricis in, on *Larix* 3840
  Dendroctonus pseudotsugae in, on *Pseudotsuga* 1539
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
  D. reniculelloides in 2511
  man in, pesticide residues in 1645
  Scolytus ventralis in
    natural enemies of 4382
    on *Abies* 2860, 4382
Idiocerinus stali (see *Idiocerus*)
Idiocerus brusinae
  in Turkey 4480
  on *Pistacia vera,* in Turkey 4480
Idiocerus stali
  control of, insecticides for 4482, 5120
  in Turkey 4480, 4482, 5120
  on *Pistacia vera,* in Turkey 4480, 4482, 5120
Idiogramma bridwelli, in USA 1397
ignefusalis, Haimbachia, (*Acigona*)
ignorata, Dasineura, (*Perrisia*)
ilerda, Andrena
Ileton (*see* Diazinon, with dimetilan)
Ilex ilicicola, *Phytomyza opaca* on, in Florida 116
Ilex vomitoria
  Phytomyza vomitoriae on
    in Florida 116, 2960
    in Georgia (USA) 481
ilicicola, Phytomyza
Illeis bistigmosa, in Goa 1271
Illeis cincta, in India 1012

Illinois
  Acrobasis indigenella in, on ornamental plants 1145
  Agrotis ipsilon in
    natural enemies of 2673
    on maize 2673
  Clivina impressifrons in, on maize 1042
  Corythucha ciliata in, on *Platanus* 4836
  Diprion frutetorum in, on *Pinus* 5186
  Empoa platana in, on *Platanus* 4836
  Empoasca fabae in, on *Platanus* 4836
  Ephestia cautella in 2875
  Erythroneura lawsoni in, on *Platanus* 4836
  Euxoa detersa in, on maize 3691
  Hypera postica in, on lucerne 4127
  Neodiprion spp. in, on *Pinus* 5186
  Plagiognathus albatus in, on *Platanus* 4836
  Plodia interpunctella in 2875
  Quadraspidiotus perniciosus in 3198
illucens, Hermetia
imaginis, Thrips
imaicus, Epipemphigus
Imbrasia epimethea
  biology of 3283
  in Nigeria 3283
  on *Holarrhena floribunda,* in Nigeria 3283
IMC 10,001.1 (see *Bacillus thuringiensis* var. *thuringiensis*)
Imidan (*see* Phosmet)
1*H*-Imidazole-4-propanoic acid, α-amino-, (*S*)- (*see* L-Histidine)
Imidithion (*see* Phosmet)
immaculata, Cyclocephala
immaculata, Scutigerella
immersana, Cryptoptila (see *Archips australana*)
Immune serums, to insect viruses 5213
Immunodiffusion (*see* Gel diffusion tests)
Immunoelectrophoresis, for analysing parasporal crystal digests of *Bacillus thuringiensis* 746
Immunofluorescence (*see* Fluorescent antibody technique)
Impatiens balsamina, Pericallia ricini on, in Rajasthan 4369
impatiens, Bradysia
Impatiens noli-tangere
  Aphis fabae on, in Czechoslovakia 1004
  Impatientinum balsamines on, in Czechoslovakia 1004
Impatiens parviflora
  Aphis fabae on, in Czechoslovakia 1004
  Impatientinum asiaticum on, in Czechoslovakia 1004
Impatientinum asiaticum
  in Czechoslovakia 1004
  in USSR 1004
  on *Impatiens parviflora,* in Czechoslovakia 1004
Impatientinum asiaticum *contd.*
  parasitised by, *Praon volucre,* in Czechoslovakia 1004
  predators of, in Czechoslovakia 1004
Impatientinum balsamines
  in Czechoslovakia 1004
  on *Impatiens noli-tangere,* in Czechoslovakia 1004
imperialis, Sirex
impersonatella, Diatraea
impicticeps, Nephotettix (see *N. virescen*
importatus, Opius
impressifrons, Clivina
improbana, Zeiraphera
impuncta, Mythimna, (*Pseudaletia*)
inaequalis, Coelophora
inaequalis, Gronops
Inazuma dorsalis (see *Recilia*)
incarnata, Rhodocleptria
incarnatus, Bruchidius
incerta, Chrysocharis
incertana, Cnephasia
incertulas, Tryporyza
incertus, Plectrophorus
incisi, Opius
includens, Pseudoplusia
inclusa, Giraudiella
inclusum, Trogoderma
incohatus, Oxyacanthus
incomptus, Nemocestes
incongruens, Cyprinotus
incurvum, Malacosoma
Indarbela tetraonis
  in India 591
  on guava, in India 591
indefinitus, Physcus
1*H*-Indene-1,3(2*H*)-dione, 2-(2,4,6-trimethylphenyl)-, against, *Tetranych urticae* 270
1*H*-Inden-1-one, 3-(acetyloxy)-2-(2,4,6-trimethylphenyl)-, against, *Tetranych urticae* 270
India
  Acanthiophilus helianthi in, on *Cartha tinctorius* 208
  Aceria mangiferae in, on mango 4783
  Acrocercops spp. in, on soy bean 616
  Adelges spp. in, natural enemies of 2
  Agromyzidae in 2522
  Agrotis and allied genera in 856
  A. segetum in
    natural enemies of 4235
    on pea 4235
  Aleurocanthus woglumi in, on *Chloroxylon swietenia* 2278
  Amaranthus in, insect pests of 1111
  Amblyseius finlandicus in, on sugar-ca 2709
  Amrasca devastans in
    on cotton 2369, 3251, 3259, 3785, 4358, 4506
    on *Hibiscus esculentus* 3220

contd.
msacta albistriga in, on groundnut 3776
moorei in
  on *Crotalaria juncea* 209
  on groundnut 3776
nomala marginipennis in, on coconut 543
ntigastra catalaunalis in, on *Sesamum indicum* 2281
ntonina graminis in
  natural enemies of 3121
  on *Chloris gayana* 3121
onidiella aurantii in, on *Citrus* 577
phelinus spp. in 1256
hids in, on potato 1127
phis clematidis in, on *Clematis* 4055
. *craccivora* in 1846, 2356
. *gossypii* in
  natural enemies of 1256, 3122
  on cotton 4358
  on *Hibiscus esculentus* 3220
. *pomi* in
  natural enemies of 1256
  on apple 1256
pion corchori in
  natural enemies of 2840
  on *Corchorus* 2840
pis indica in
  natural enemies of 937
  on grape vine 2314
pogonia ferruginea in, on pomegranate 2339
. *proxima* in, on fig 3743
thalia lugens in, on mustard 2808
therigona falcata in, on wheat 507
. *oryzae* in, on rice 1045
. *simplex* in, on wheat 4740
. *soccata* in
  on *Pennisetum typhoides* 2727
  on sorghum 1063–1065, 4277, 5101
. *varia* in, on sorghum 526
ulacophora atripennis in, on cucurbits 2055
. *foveicollis* in
  on cucurbits 2055
  on *Mentha arvensis* 3149
  on pumpkin 1485
zygophleps scalaris in
  natural enemies of 3783
  on *Sesbania* 3783
agrada hilaris in 5050
  on mustard 2808
eet in, insect pests of 1111
emisia tabaci in
  natural enemies of 2081
  on cotton 3251, 3785
  on *Sesamum indicum* 4807
issetia steniella in, on sugar-cane 493
revipalpus californicus in
  on lime (*Citrus*) 3214
  on tea 1529

India *contd.*
  Bruchidae in, on pulse crops 5147
  Bruchidius spp. in, in imported seeds 2920
  Calacarus carinatus in, on tea 1529
  Caliothrips indicus in, on pea 1917, 3233
  Carphoborus spp. in 705
  Carpomyia vesuviana in, on *Ziziphus jujuba* 4316
  Caryedon serratus in, in tamarind seeds 724
  Cerococcus spp. in
    natural enemies of 317
    on *Hibiscus rosa-sinensis* 317
  Ceroplastes spp. in, natural enemies of 851
  Cetoniidae in 2224
  Chilo auricilius in, on sugar-cane 4086
  C. partellus in, on maize 132
  Chiloloba acuta in, on *Pennisetum typhoides* 2727
  Circulifer opacipennis in, on sugar-beet 4343
  Clavigralla gibbosa in
    natural enemies of 3235
    on *Cajanus cajan* 3235
  Cnaphalocrocis medinalis in, on rice 3168–3169
  Coccus capparidis in 4640
  Contarinia sorghicola in
    natural enemies of 4228
    on sorghum 4228, 4274
  Coptosoma cribrarium in, on soy bean 616
  C. minimum in, on soy bean 616
  Coriandrum sativum in, insect pests of 1111
  cotton in
    insects associated with 4351
    pests of 3789
  Cryptoblabes gnidiella in
    on *Pennisetum typhoides* 2727
    on sorghum 1875
  Cydia leucostoma in, on tea 1529
  Diacrisia obliqua in
    natural enemies of 2448
    on mustard 5144
  Dialeurodes citri in, on *Citrus* 577
  Diaphorina spp. in, natural enemies of 851
  Dicladispa armigera in, on rice 4263, 4265
  Dynastes gideon in, natural enemies of 133
  Earias insulana in, on cotton 3259, 3785, 4358
  E. vittella in
    on cotton 3259, 3785, 4358
    on *Hibiscus esculentus* 3220
  Eoeurysa flavocapitata in, on sugar-cane 4246

India *contd.*
Epilachna dodecastigma in, on *Vigna unguiculata* 4790
Eretmocerus spp. in 2081
Etiella zinckenella in 5146
  on pea 1120
Euborellia stali in, on groundnut 619
Euchrysops cnejus in, on *Phaseolus aureus* 4333
Euproctis lunata in, on *Ricinus communis* 636
E. virguncula in, on *Pennisetum typhoides* 1867
Eurybrachys tomentosa in, natural enemies of 851
Ferrisia virgata in
  natural enemies of 4229
  on *Boehmeria nivea* 2828
Flata ferrugata in, on grape vine 3720
Gampsocoris pulchellus in, on *Lagenaria siceraria* 2810
guava in, insect pests of 591
Halticus spp. in, on muskmelon 1484
Heliothis armigera in
  natural enemies of 320, 2663, 3124–3125, 4253
  on *Cicer arietinum* 320
  on cotton 4358
  on maize 4253
  on *Polianthes tuberosa* 2663
  on tomato 630
Helopeltis antonii in, on *Anacardium occidentale* 1888
Hemaspidoproctus cinereus in, on guava 590
Henosepilachna vigintioctopunctata in, on *Vigna unguiculata* 4790
Hippotion celerio in, on *Vitis quadrangularis* 2315
Hyadaphis coriandri in, on fennel 3148
H. erysimi in, on mustard 2349, 2808, 3770
jute in, pests of 2839
Kerria lacca in
  natural enemies of 1848, 4217
  on *Schleichera oleosa* 4217
Lachnosterna spp. in, on coffee 653
L. consanguinea in 4189
  on groundnut 1114
Lachnus acutihirsutus in, on *Quercus* 4055
Lepidoptera in
  natural enemies of 2299
  on rice 2299
Leucopholis coneophora in, on coconut 543
Lipaphis erysimi in, on mustards 4786
Longirostris raji in, on *Salvia* 4055
Longiunguis sacchari in
  natural enemies of 1256
  on sorghum 1256

India *contd.*
Maconellicoccus hirsutus in
  on *Hibiscus* 4808
  on roselle 5154
Macrosiphum rosaeiformis in, on roses 4368
Maladera spp. in 4504
Membracidae in, natural enemies of 3667
mites in 950
Monolepta khasiensis in, on zinnia 28
Monomorium salomonis in, on sorghum 142
Mylabris pustulata in, on *Pennisetum typhoides* 515
Myllocerus spp. in, on *Pennisetum typhoides* 1043
M. cardoni in, on *Pennisetum typhoide* 5093
M. discolor in, on *Litchi chinensis* 43
M. undecimpustulatus in
  on cotton 3251, 3785
  on *Litchi chinensis* 4317
  on maize 1918
  on *Pennisetum typhoides* 1416
  on soy bean 1918
Mythimna separata in, on rice 5094
Myzus persicae in, natural enemies of 3122
Necrobia rufipes in, infesting museum specimens 4857
Nephotettix spp. in, on rice 3164
N. virescens in, on rice 4263
Nymphula depunctalis in, on rice 187 5098
Oberea brevis in, on soy bean 4795
Odoiporus longicollis in, on banana 5
Odontotermes obesus in, on groundnut 620
oilseeds in, pests of 3296
Oligonychus coffeae in, on tea 1529
O. indicus in, natural enemies of 2709
Ophiomyia phaseoli in, on pea 613
Orosius albicinctus in 637
Ostrinia kasmirica in
  natural enemies of 3145
  on *Cnicus wallichii* 3145
Othreis fullonia in, on *Citrus* 577
Pachydiplosis oryzae in
  natural enemies of 312
  on rice 138, 312, 3164, 3700, 4263–4264
Pagria signata in, on soy bean 616
Papilio demoleus in
  on *Chloroxylon swietenia* 2278
  on *Citrus* 577
Paralebeda plagifera in, on *Citrus* 190
Parlatoria blanchardii in, on date palm 5113
pea in, insect pests of 1121
Pectinophora gossypiella in, on cotton 3259, 3785, 4358

a *contd.*
elopidas mathias in, on *Livistona chinensis* 3695
emphigus spp. in, natural enemies of 1256
ericallia ricini in, on ornamental plants 4369
est control in 4498
etrobia latens in, on wheat 3157
heidole sulcaticeps in, on sorghum 142
hthorimaea operculella in, on potato 4346
hyllocnistis citrella in, on *Citrus* 577
hyllotreta chotanica in, on wheat 3155
hytomyza horticola in
  natural enemies of 1841
  on pea 1120, 1841, 4335
lant virus diseases in 3310
latypeplus aprobola in, on *Litchi chinensis* 1909
olistes olivaceus in, on grape vine 2314
redatory beetles in 1012
salis pennatula in 512
yrilla perpusilla in, on sorghum 3704
aphimetopus ablutellus in, on *Sorghum halepense* 2302
astrococcus iceryoides in
  on *Hibiscus rosa-sinensis* 191
  on mango 191
hizoglyphus echinopus in, in potatoes 938
hynchocoris humeralis in, on *Citrus* 577
iptortus linearis in, on soy bean 2228
chistocerca gregaria in 440–441, 986, 1816, 2231, 2236–2237, 5053
cutellera perplexa in, on grape vine 3719
esamia inferens in, on wheat 3159
. uniformis in, on wheat 3159
esamum indicum in, pests of 2363
ogata spp. in, on rice 3164
ogatella furcifera in, on rice 4263
oy bean in, pests of 4338, 5149
pinach in, insect pests of 1111
Spodoptera compta in, on rice 5094
S. exigua in, natural enemies of 2662
S. litura in, natural enemies of 2662
Sternochetus mangiferae in, on mango 2588
Stomopteryx subsecivella in, on *Phaseolus aureus* 2813
tored grain in, pest control in 3852
tored seeds in, insect damage to 1558
ugar-beet in, pests of 2816
Sylepta lunalis in
  natural enemies of 2316
  on grape vine 2316
ea in, pests of 1951
Tenuipalpus punicae in, on pomegranate 2788
Tetranychus urticae in 1804

India *contd.*
Tetranychus urticae in *contd.*
  natural enemies of 747
  on soy bean 1918
Tetrastichus spp. in, on soy bean 616
Thiacidas postica in
  natural enemies of 1024
  on *Ziziphus jujuba* 1024
thrips in 3118
Thrips tabaci in
  natural enemies of 2661
  on onion 2661
Tirathaba mundella in, on *Areca catechu* 545
Tryporyza incertulas in, on rice 138, 2738, 4264
Typhaea stercorea in, on sorghum 1875
Unnata intracta in, on grape vine 3720
Utetheisa pulchella in
  natural enemies of 2894
  on *Crotalaria burhia* 1444
Vespa orientalis in, on grape vine 2314
Xylosandrus compactus in, on coffee 654
Xylotrechus quadripes in, on coffee 654
Zygina maculifrons in, on wheat 3155

Indiana
Collembola in 1270
Corthylus columbianus in, on *Acer* 1150
Diabrotica longicornis in, on maize 1415
D. virgifera in, on maize 1415
Hypera postica in, on lucerne 4127
Magicicada spp. in 1361

indica, Apis
indica, Malacosoma
indica, Tumeochrysa
indicata, Hedylepta, (*Lamprosema*)
indicola, Heterotermes
indicum, Syntomosphyrum
indicum, Tapinoma
indicus, Caliothrips
indicus, Dactylopius
indicus, Eretmocerus
indicus, Oligonychus, (*Paratetranychus*)
indifferens, Rhagoletis
indigenella, Acrobasis
indobrassicae, Siphocoryne (see *Lipaphis erysimi*)

1*H*-indole-3-acetic acid
in *Atta* secretions and fungus gardens 2247
in carrot, relation of effects of *Trioza apicalis* and 4870

1*H*-Indole-3-propanoic acid, α-amino-, (*S*)- (*see* L-Tryptophan)

1*H*-Indol-5-ol, 3-(2-aminoethyl)- (serotonin)
in *Locusta migratoria* heart and c.n.s., determination of 3630
in rat brain, accumulating after injection of chlordimeform 2057
in *Schistocerca gregaria,* not increasing secretion by Malpighian tubules 4199

Indonesia
- *Chilo sacchariphagus* in, on sugar-cane 494
- *Scirpophaga nivella* in, on sugar-cane 494
- *Sitophilus oryzae* in, natural enemies of 4641
- *Sternochetus mangiferae* in, on mango 2588
- *Tryporyza incertulas* in, on rice 1426, 3701
- *T. innotata* in, on rice 1426

Indopol (*see* Butene, homopolymer)

infantilis, Melanoplus

infausta, Aglaope

inferens, Sesamia

inflexaria, Cleora (see *C. repetita*)

infuscatellus, Chilo, (*Chilotraea*)

inimica, Endria

innotata, Tryporyza

Inokosterone (*see* Cholest-7-en-6-one, 2,3,14,20,22,26-hexahydroxy-, (2β,3β,5β,22*R*,25*R*)-, with (2β,3β,5β,22*R*,25*S*)-2,3,14,20,22,26-hexahydroxycholest-7-en-6-one)

inopinata, Cydia, (*Grapholitha*)

inopinatus, Melanaspis

inopinatus, Physokermes

Inopus flava (see *Altermetoponia*)

Inopus rubriceps (see *Altermetoponia*)

***myo*-Inositol**
- in *Itoplectis conquisitor* diet, requirement for 350
- in *Vitula edmandsii* 2544

Inostema contariniae
- in Greece 2308
- parasitising, *Contarinia medicaginis,* in Greece 2308

inquirenda, Prospaltella

inquisitor, Calosoma

inquisitor, Rhagium

inquistor, Ephialtes, (*Scambus*)

insana, Conomyrma

Insect collections, scientifically designed drawer for 416

Insect common names, in USSR 5228

Insecticide resistance 2460

Insecticide 6506 (*see* Phosphoric acid, dimethyl 4-(methylthio)phenyl ester) 1203

Insecticides
- biochemistry of 4568
- development of 4944
- in turf, effects of 1436
- non-target effects of 4983
- selectivity of 3570
- sub-lethal effects of 1227
- substances tested as:
  - Fungi Imperfecti extracts 4244
  - pyrethroids 5242
  - 2-substituted-3-oxo-4-halo-5(2*H*)-pyridazinyl phosphates 4516

Insecticides *contd.*
- substances tested as: *contd.*
  - α-trichloromethylbenzylanilines and trichloromethylbenzyl phenyl eth 3993

Insects
- apolysis in 1284
- as natural resources 3374
- biogeography of 3598
- cholinesterase in 1695
- circadian rhythms in 3460
- common names of, in USA 1656
- conservation of 2212–2216, 2218–221 2221–2222
- control of
  - conditional lethal traits for 4109
  - radiofrequency energy for 256
- enzymes in, in alimentary canal 2183
- epidermal glands in 3589
- esterases in 21
- flight fitness in, estimation of 2578
- flight in 2539, 3601
- forecasting outbreaks of 3068
- haemolymph in, defence reactions of
- haemolymph osmolalities in 30
- hormonal control of behaviour in 34
- in agro-ecosystems 3602
- isoenzymes in 3592
- management of 3372, 3381–3382
- morphogenetic hormones in 3591
- on crops, effects on yield of 5017
- pathogens of 4881
- rearing of, diets for 3593
- sound communication in 3462
- trace elements in 17
- tryptophan → ommochrome pathway in 3461
- vertical distribution of 4621

insertum, Rhopalosiphum

insidiosus, Metaphycus

insidiosus, Orius

insignis, Malacosoma

inspector, Amblyteles

instigator, Pimpla

insubricus, Acrotylus

insulana, Earias

insularis, Blissus

insularis, Nythobia, (*Diadegma*)

Insulaspis gloverii
- acaricides in, toxicity of 278
- control of, insecticides for 5132
- in USA 188, 278
- in Venezuela 5132
- on *Citrus*
  - in Florida 188, 278
  - in Venezuela 5132

Insulaspis tapleyi
- biology of 4319
- descriptions of 4319
- in Egypt 4319
- on guava, in Egypt 4319
- on mango, in Egypt 4319

ulata, Ammalo
egra, Bembex
egra, Formica
egrated control 3380, 3383–3385, 3921, 4507
  n Australia 3390
egriceps, Eurygaster
erjectana, Cnephasia
ermedia, Brachymeria
ermedium, Hedychrum
ermedius, Diglyphus
ermedius, Dysdercus
ernational Plant Protection Convention 4511
erpunctella, Plodia
erruptor, Temelucha, (*Cremaster*)
onsa, Frankliniella
racta, Euxoa
racta, Unnata
rasol (*see* Thiometon)
ration (*see* Thiometon)
repidus, Camponotus
ricata, Antestiopsis
ricata, Oncopera
ybi, Aphis
vertase (*see* Fructofuranosidase, β-)
victa, Solenopsis
viscus, Metaphycus
visor, Phaeogenes
voensis, Pityophthorus
dofenphos (*O*-(2,5-dichloro-4-iodophenyl) *O,O*-dimethyl phosphorothioate)
  against
    Empoasca fabae 1495
    Myzus persicae 1495
    Phthorimaea operculella 1495
    Spodoptera frugiperda 3167
    Thrips tabaci 1495
  resistance to, in, *Oryzaephilus mercator* 3391
ta virus, in, *Drosophila* spp., effects of 2552
wa
  Empoasca fabae in, on soy bean 3775, 4793
  grasshoppers in, natural enemies of 2233
  Ostrinia nubilalis in 4924
    on maize 3681
  Plathypena scabra in
    natural enemies of 148
    on lucerne 148
    on soy bean 148, 1489
C (*see* Carbamic acid, phenyl-, 1-methylethyl ester) 1640
hiseiodes quadripilis
  biology of 187
  in USA 187
hiseiodes zuluagai
  sp. n., description of 2094
  in Colombia 2094
Iphiseius
  in Egypt 848
  taxonomy of 854
IPO-62 (*see* Phosphoric acid, 2-bromo-1-(2,4-dichlorophenyl)ethenyl diethyl ester) 1246
IPO-63 (*see* Phosphoric acid, 2-bromo-1-(2,4-dichlorophenyl)ethenyl dimethyl ester) 1246
Ipomoea, *Tetranychus neocaledonicus* on, in Malagasy Republic 4116
Ipomoea alba, *Aspidomorpha miliaris* on, in Philippines 2360
Ipomoea aquatica, *Aspidomorpha miliaris* on, in Philippines 2360
Ipomoea batatas (see Sweet potato)
Ipomoea bona-nox
  Aphis nerii on, in Egypt 1765
  Danaus chrysippus on, in Egypt 3144
Ipomoea purpurea, *Aspidomorpha miliaris* on, in Philippines 2360
Ips, on *Pinus,* in Guatemala 5189
Ips amitinus
  biology of 3827
  in USSR 3827
Ips calcaratus, in USSR 2853
Ips calligraphus
  in Guatemala 5189
  on *Pinus,* in Guatemala 5189
Ips chalcographus
  biology of 3827
  in USSR 3827
  in West Germany 710
  on *Picea,* in West Germany 710
Ips curvidens
  biology of 3827
  in USSR 3827
Ips erosus
  biology of 4835
  in France 3357
  in Tunisia 4835
  on *Pinus halepensis,* in Tunisia 4835
  on *Pinus pinaster*
    in France 3357
    in Tunisia 4835
Ips montanus, phototropism in 709
Ips paraconfusus
  in USA 4231
  on *Pinus lambertiana,* in California 4231
  on *Pinus ponderosa,* in California 4231
  parasites of, in California 4231
Ips pini
  control of, insecticides for 4392
  in Canada 4392
  on *Pinus resinosa,* in Ontario 4392
  overwintering in 4837
Ips typographus
  aggregation in 703
  biology of 3827
  chemotaxis in 1973
  in Czechoslovakia 703

- ***Ips typographus*** *contd.*
  - in USSR 3827
  - in West Germany 710
  - on *Picea,* in West Germany 710
  - on *Picea abies,* in Czechoslovakia 703
  - preyed on by
    - *Epuraea pygmaea,* in Czechoslovakia 703
    - *Medetera signaticornis,* in Czechoslovakia 703
    - *Thanasimus formicarius,* in Czechoslovakia 703
  - primary attack by 820
  - sex ratio in, effects of population density on 2400
  - size in, effects of population density on 2400
- ***ipsilon, Agrotis,*** (*Scotia*)
- **IPSP** (*see* Phosphorodithioic acid, *S*-[(ethylsulfinyl)methyl] *O,O*-bis(1-methylethyl) ester)
  - 1204
  - 3262
- **Iran**
  - *Acyrthosiphon pisum* in, on bean 1119
  - *Aphis craccivora* in, on bean 1119
  - Braconidae in 2084
  - *Callosobruchus maculatus* in, on leguminous crops 4123
  - *Capnodis* spp. in 2961
  - *Cenopalpus pulcher* in, on apple 3192
  - cotton in
    - pest control on 4360
    - pests of 4813
  - *Drepanosiphum platanoides* in, on *Acer* 849
  - *Empoasca* spp. in, on bean 1119
  - *Eurygaster integriceps* in
    - natural enemies of 1035
    - on grain crops 1035
  - *Eyprepocnemis plorans* in 2638
  - forest insect pests in 712
  - Gnorimoschemini in 864
  - Hemiptera in, on cotton 4359
  - *Hypera postica* in, on lucerne 1197
  - *Lepidosaphes malicola* in
    - natural enemies of 4292
    - on apple 4292
  - *Leucoptera scitella* in, on fruit trees 1892
  - *Lyonetia clerkella* in, on fruit trees 1892
  - mites in 959
  - *Nycteola asiatica* in, on *Populus* 2870
  - *Osphranteria coerulescens* in, natural enemies of 455
  - *Parlatoria blanchardii* in
    - natural enemies of 5113
    - on date palm 5113
  - *Phyllonorycter blancardella* in, on fruit trees 1892
  - *P. turanica* in, on fruit trees 1892
  - *Plodia interpunctella* in, natural enemies of 2878
- **Iran** *contd.*
  - *Schistocerca gregaria* in 441
  - *Sphenoptera davatchii* in 1884
  - *S. kambyses* in 1884
  - Tenuipalpidae in 1776
  - Tetranychidae in, on cotton 4359
  - *Tetranychus urticae* in, on bean 1119
  - Thysanoptera in, on cotton 4359
  - *Yponomeuta rorellus* in, on *Salix* 1174
- ***iranensis, Chilocorus bipustulatus***
- ***iranicum, Drepanosiphum platanoides***
- ***iranicus, Bracon,*** (*Habrobracon*)
- **Iraq**
  - aphids in, natural enemies of 117
  - *Cenopalpus pulcher* in, on apple 1086
  - Coleoptera in, on trees 1158
  - *Ephestia cautella* in, natural enemies of 1002
  - *Hyalopterus pruni* in
    - natural enemies of 921
    - on apricot 921
    - on peach 921
  - insects in 991
  - *Melanophila picta* in, on *Populus* 3825
  - *Oligonychus afrasiaticus* in, on date palm 1452
  - *Parlatoria blanchardii* in, on date palm 5113
  - *Syringopais temperatella* in
    - on barley 505
    - on wheat 505–506
- **Iridescent virus type 2,** properties of 3317
- **Iridescent virus type 6,** properties of 3317
- ***iridis, Dicerura***
- **Iridium (^{191}Ir)**
  - *Cydia pomonella* labelled with 3054
  - *Semiadalia undecimnotata* labelled with 3055
- ***Iridomyrmex darwinianus***
  - control of 4693
  - in Australia 4693
- ***Iridomyrmex detectus***
  - control of 4693
    - insecticides for 3111
  - in Australia 3111, 4693
- ***Iridomyrmex humilis***
  - control of 4693
    - insecticides for 1858, 4214
  - in Australia 1858, 4693
  - in East Germany 4214
  - in USA 1455
  - preying on, *Chromaphis juglandicola,* in California 1455
  - separation from nest material 4670
- ***Iridomyrmex pruinosus***
  - in USA 1855
  - preying on, soy-bean pests, in Florida 1855
- ***Iridomyrmex purpureus*** (see *I. detectus*)
- ***Iris pseudacorus, Dicerura iridis*** on, in Lithuania 3953
- ***irius, Pseudobunaea***

n
n *Acyrthosiphon pisum,* dietary requirement for 1298
n insects 17
n chloride (FeCl$_3$), diet component for, *Acyrthosiphon pisum* 1298
n hydroxide (Fe(OH)$_3$), gel of, for adsorbing endosulfan from surface water 3619
nsidei, Eriococcus
igation
of apple orchards
effects of over- and under-tree sprinkling on mites 164
effects on insecticide deposits of over-tree 2773
of clover fields, effects on oviposition by cotton leaf-worm 3804
of cotton fields
effects on abundance of thrips 4354
effects on arthropods 1524
of fruit-tree orchards, effects on *Sphenoptera* 1884
of lucerne fields 4011
of maize fields 4011
of pastures, effects on avian predation of pests 4698
of poplar plantations 3825
to prevent Buprestid infestation 3818
of rice-fields 5099
insecticides applied in water 523, 539, 3701, 4009, 4262–4263, 4265
of sorghum fields, effects on oviposition by shoot fly 526
of vineyards, effects on gall mite 1885
of wheat fields 4742
rorata, Polyphylla
roratum, Trogoderma
chiodon aegyptium (see *Xanthogramma*)
chnaspis
taxonomy of
characters distinguishing *Parischnaspis* and 4993
characters distinguishing *Trischnaspis* and 4993
schnaspis bipindensis, taxonomy of, transferred to *Trischnaspis* 4993
schnaspis silvestrii, taxonomy of, *nomen dubium* 4993
schnaspis tecleae
sp. n., description of 4993
in South Africa 4993
schnus minor
in USA 683
parasitising, *Epinotia aceriella,* in New York 683
schnus rhomboidalis
in USA 683
parasitising, *Epinotia aceriella,* in New York 683
Isobenzan (1,3,4,5,6,7,8,8-octachloro-1,3,3a,4,7,7a-hexahydro-4,7-methanoisobenzofuran)
against
Agrotis ipsilon 2837
Chilo agamemnon 3675
Folsomia candida 1626
Leucinodes orbonalis 4349
Nezara viridula 4750
Ostrinia nubilalis 4745
Psilopholis vestita 544
Sesamia cretica 3675
S. nonagrioides 4745
in soil, persistence of 1626
Isocarbophos (*see* Benzoic acid, 2-[(aminomethoxyphosphinothioyl)oxy]-, 1-methylethyl ester)
Isocholesterol (*see* Cholest-5-en-3-ol, (3α)-)
isocrates, Virachola
isodoxa, Milionia
22-Iso-α-ecdysone (*see* Cholest-7-en-6-one, 2,3,14,22,25-pentahydroxy-, (2β,3β,5β,22*S*)-)
Isoeugenol, methyl-, *trans-* (*see* Benzene, 1,2-dimethoxy-4-(1-propenyl)-, (*E*)-)
Isofenphos (*see* Benzoic acid, 2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]-, 1-methylethyl ester)
1*H*-isoindole-1,3(2*H*)-dione, 3a,4,7,7a-tetrahydro-2-[(1,1,2,2-tetrachloroethyl)thio]-, in coffee, determination of 3051
1*H*-Isoindole-1,3(2*H*)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]- (*see* Captan)
Isolan (3-methyl-1-(1-methylethyl)-1*H*-pyrazol-5-yl dimethylcarbamate)
against
Ceratitis capitata 2933
Drosophila melanogaster 2933
L-isoleucine
in *Anthonomus grandis,* dietary requirement for 3558
in *Dysdercus fasciatus,* dietary requirement for 3001
in *Picea abies,* effects on mite infestations of 1960
in *Reticulitermes lucifugus,* effects of symbionts on anabolism of 2697
in *Scirpophaga nivella,* dietary requirement for 3000
Isomera cinerascens (see *Pseudogonia rufifrons*)
Isooctanes, solvent for JH mimics 3471
Isopoda, in soil, effects of gases on 2167
Isoptera, social homeostasis in 3143
Isotenes miserana
in Australia 4307
on avocado, in Queensland 4307
Isothiocyanic acid
allyl ester (*see* 1-Propene, 3-isothiocyanato-)

Isothiocyanic acid *contd.*
  2-phenylethyl ester (*see* Benzene, 2-(isothiocyanatoethyl)-)
Israel
  Aceria sheldoni in, on orange 3744
  Anisolabis spp. in, on groundnut 4340
  A. annulipes in, on groundnut 1490
  Aonidiella aurantii in, natural enemies of 3745
  Ceratitis capitata in, on *Citrus* 4989
  Ceroplastes floridensis in, natural enemies of 3745
  Coccidae in, on avocado 2334
  Coccus hesperidum in, natural enemies of 3745
  Cybocephalidae in 5070
  Dacus oleae in, on olive 4989
  entomogenous fungi in 4421
  Gynaikothrips ficorum in
    natural enemies of 4060
    on fig 4060
  Heliothidinae in 5040
  Parlatoria blanchardii in
    natural enemies of 2269, 5070
    on date palm 2269, 5070
  P. pergandii in
    natural enemies of 3745, 5070
    on *Citrus* 5070
  Paropta paradoxus in, on grape vine 1886
  Pectinophora gossypiella in, on cotton 3795
  Pinus in, pests of 667
  Saissetia oleae in
    natural enemies of 3745, 4989
    on olive 4989
  Sitona limosus in 3027
  Tetranychus cinnabarinus in, natural enemies of 2002
  T. urticae in, natural enemies of 2002
israeli, Tetrastichus
Issidae
  in Cook Islands 4552
  in Niue Island 4552
italicum, Graphosoma
italicus, Calliptamus
Italy
  Agriotes brevis in, on maize 3621
  A. sordidus in, on maize 3621
  Alebra albostriella in, on hazel 2318
  Alnetoidia alneti in, on hazel 2318
  Ancylis comptana in
    natural enemies of 1074
    on strawberry 1074
  aphids in, on *Pinus* 702
  Aphis spiraecola in, on *Citrus* 582
  apple in, pests of 5122
  Argyrotaenia pulchellana in 4987
  Brevipalpus lineola in, on *Pinus* 224
  B. olearius in, on olive 189
  B. olivicola in, on olive 2844
  B. wainsteini in, on *Pinus* 224
Italy *contd.*
  Buprestidae in, on *Populus* 3818
  Canephora unicolor in 4728
  Cedrobium laportei in, on *Cedrus* 1144
  Ceratitis capitata in 4926
  Ceroplastes rusci in
    on *Citrus* 581
    on fig 581
  Coelopencyrtus spp. in 863
  Coleoptera in, in imported timber 2890
  Corylobium avellanae in, on hazel 2321
  Dacus oleae in
    natural enemies of 1396, 2786
    on olive 588, 1396, 2786
  Dysaphis plantaginea in, on apple 3538
  Edwardsiana spp. in, on hazel 2318
  Ergates faber in, on *Pinus* 4839
  Evallaspis ampelodesmae in, on *Ampelodesma tenax* 1832
  Formica spp. in 446
  Gonocerus acuteangulatus in, on hazel 2322
  Ledra aurita in, on hazel 2320
  Leptinotarsa decemlineata in, on potato 1496
  Leucaspis pusilla in, on *Pinus* 701
  Lyctus brunneus in, in parquet floors 1555
  L. linearis in, in vine stakes 1555
  Megopis scabricornis in, on *Salix* 4839
  Myzocallis coryli in, on hazel 2321
  Oecanthus pellucens in, on hazel 2319
  Oryzaephilus mercator in 3391
  Ostrinia nubilalis in, on maize 4987
  Oxypleurites maxwelli in, on olive 189
  pear in, pests of 5122
  Pinus in, pests of 667
  Pseudococcus fragilis in
    natural enemies of 580
    on *Citrus* 580
  Ptilodactyla spp. in, on *Anthurium* 153
  Semanotus undatus in, on *Picea* 2869
  Tegonotus hassani in, on olive 189
  Thaumetopoea pityocampa in, on *Pinus* 672
  Typhlocyba quercus in, on hazel 2318
  Xenylla welchi in, on mushrooms 1022
itoi, Pachynematus
Itoplectis conquisitor
  antennae in 4069
  fatty acids in 4597
  host haemolymph extracts inducing oviposition in 1713
  in USA 5179
  parasitising
    Hyphantria cunea 3643
    Lymantria dispar, in Pennsylvania 5179
  rearing of 479
    diets for 350
Itoplectis maculator
  in Poland 1079

oplectis maculator *contd.*
  in West Germany 1386
  parasitising
    Tortricidae, in Poland 1079
    Tortrix viridana, in West Germany 1386
toplectis narangae (see *I. naranyae*)
toplectis naranyae (see also *Pimpla naranyae*)
  biology of 2296
  descriptions of 2296
  in Japan 2296
  parasitising
    Chilo sacchariphagus, and biological control using, in Réunion 5231
    C. suppressalis 2296
    Galleria mellonella 2296, 5231
    Naranga aenescens 2296
  rearing of, techniques for 2296
toplectis quadricingulatus
  in USA (Alaska) 4721
  parasitising, *Lambdina fiscellaria,* in Alaska 4721
vory Coast
  Afroeurydemus decellei in, on cacao 451
  Aphis gossypii in 2429
  A. spiraecola in 2429
  cotton in
    insects on 2373
    pest control on 5236
  Cryptophlebia leucotreta in, on cotton 4154, 4814, 5235
  Heliothis armigera in, on cotton 4655
  Heteroligus meles in, on yam 2361
  Oryctes spp. in, on *Elaeis guineënsis* 5111
  Paraivongius spp. in, on cacao 451
  Toxoptera citricida in 2429
Ixeuticus, preying on, *Aphytis melinus,* in South Australia 4780
Jaapiella medicaginis
  control of, insecticides for 3708
  in France 3708
  on lucerne, in France 3708
Jacaranda, *Nipaecoccus vastator* on, in South Africa 999
jaceae, Larinus
jacobaeae, Longitarsus
jacobaeae, Tyria, (*Callimorpha*)
jacobsoni, Erannis
Jadera rufofusca, in Virgin Islands 4141
Jalysus spinosus
  diapause in 4711
  in USA 3655, 4711
  preying on, *Manduca sexta,* in Kentucky 3655
Jamaica
  Aleurodicus jamaicensis in, on coconut 4416
  Anastrepha mombinpraeoptans in 3758
  A. suspensa in 3758
  Papilio andraemon in, on *Citrus* 2335
jamaicensis, Aleurodicus
Jammu and Kashmir
  Agrotis and allied genera in 856
  Euproctis xanthorrhoea in, on rice 2733
  insect pests in 2634
  Lymantria obfuscata in 2195
  Malacosoma robertsi in 3440
janata, Achaea
Janus compressus
  biology of 1096
  in Spain 1096
  on pear, in Spain 1096
Japan
  Adoxophyes orana in
    natural enemies of 4888
    on apple 4888
  Adris tyrannus in, on peach 2336
  Anomala spp. in 1175
  aphids in, natural enemies of 4544–4545
  Aphis spiraecola in, on orange 575
  Bactra honesta in 119
  Callosobruchus chinensis in 3019–3020
  Calpe excavata in, on orange 2336
  Ceratitis capitata in, on banana 1105
  Chalioides kondonis in, on satsuma 1097
  Chilo hyrax in, food-plants of 528
  C. sacchariphagus in 3045
  C. suppressalis in 1417–1418
    on rice 520, 3372
  Chlorops oryzae in, on rice 4749, 4752
  Choristoneura diversana in
    natural enemies of 4844
    on *Abies* 4844
  Coptotermes formosanus in 1559
  Cryptothelea minuscula in, on *Prunus mume* 3396
  Dacus dorsalis in 4926
  Dialeurodes citri in, on *Citrus* 184
  Ephestia cautella in 1417
  foodstuffs in, pest control in 2078
  Helconini in 1265
  Heptophylla picea in 1175
  Heteroptera in, on rice 1868–1870
  Hypocala spp. in 1471
  insects pests in mountainous areas of 4676
  Lachnosterna spp. in 1175
  Laodelphax striatella in
    natural enemies of 1182
    on rice 134, 521, 2427–2428
  Lymantria dispar in 3535, 3963
  L. fumida in 3963
  Macrosiphini in 2089
  Maladera orientalis in 1175
  man in, insecticide residues in 2073
  microbial insecticide development in 1199
  Minthea rugicollis in, in dwellings 2424
  Mycalesis gotama in, on rice 3372
  Mythimna separata in
    in grassland 530
    on sorghum 1427

Japan *contd.*
Myzus persicae in, on lettuce 408
Naranga aenescens in 3536
Nephotettix cincticeps in 758, 1200
natural enemies of 367, 5096
on rice 367, 521, 932, 3372, 5096
Nilaparvata lugens in
natural enemies of 1182
on rice 3372
Oligonychus ununguis in, on *Abies* 1154
pesticide resistance in 5246
Planococcus kraunhiae in
natural enemies of 1014–1015
on *Diospyros kaki* 1015
Ptinidae in 2959
rice-fields in, insects associated with 920
rice in, pest control on 139, 2730
Sogatella furcifera in, on rice 521
Spodoptera litura in 3518
Tettigoniidae in, on rice 522
Toxoptera citricida in, on orange 575
Unaspis yanonensis in 768
Uroleucon formosanus in, on lettuce 408
Japania andoi
in Japan 367
parasitising, *Nephotettix cincticeps,* in Japan 367
japonensis, Thecodiplosis
japonica, Dictyoploca
japonica, Lymantria dispar
japonica, Popillia
japonica, Porthetria dispar (see *Lymantria*)
japonica, Propylea
japonicola, Clubiona
japonicus, Ptinus
Jasmine (see *Jasminum*)
Jasminum, *Palpita unionalis* on, in Greece 5135
Javesella obscurella
in Finland 5084
on barley, in Finland 5084
on oats, in Finland 5084
on rye, in Finland 5084
on wheat, in Finland 5084
Javesella pellucida
in Finland 1332, 5084
in UK 3522
on barley, in Finland 5084
on oats, in Finland 1332, 5084
on rye, in Finland 5084
on wheat, in Finland 1332, 5084
preyed on by
Mesopolobus aequus, in Finland 1332
Panstenon oxylus, in Finland 1332
wing-forms of 1285
Jew's mallow (*see* Jute)
Jimson weed (see *Datura stramonium*)
Jodfenphos (*see* Iodofenphos)
jonesii, Cheloctonus
Jordan
Heliothis armigera in, on tomato 4900
Jordan *contd.*
Phthorimaea operculella in, on potato 4902
Saissetia oleae in, on olive 4903
Spodoptera litura in, on lucerne 4901
Tetranychus urticae in
on cucumber 4905–4906
on lucerne 4905
on pea 4905
on *Phaseolus vulgaris* 4905
Virachola livia in, on pomegranate 490
joshii, Adelges
Jowar (*see* Sorghum)
jucunda, Oxycetonia
judaea, Orgyia dubia
Judolia cerambyciformis
flight activity in 2857
in Belgium 2857
jugata, Aeneolamia postica
juglandicola, Chromaphis
juglandis, Rhagoletis
Juglans
Eulecanium bituberculatum on, in USSR 5121
Rhagoletis spp. on, in North America 313
julis, Tetrastichus
juncii, Lixus
juniperina, Cinara, (*Cupressobium*)
juniperinus, Oligotrophus
juniperinus, Trisetacus quadrisetus
Juniperus
Cinara juniperina on, in Kazakhstan 5177
C. pseudosabinae on, in Kazakhstan 5177
Juniperus chinensis, *Periploca mimula* on, i Tennessee 5176
Juniperus communis
Oligotrophus juniperinus on, in Czechoslovakia 5192
O. panteli on, in Czechoslovakia 5192
O. schmidti on, in Czechoslovakia 5192
Schmidtiella gemmarum on, in Czechoslovakia 5192
Juniperus silicicola, *Trisetacus quadrisetus* on, in Florida 2589
Juniperus virginiana
extracts of
effects of, on
Acyrthosiphon pisum 914
Ceratomegilla maculata 914
Trisetacus quadrisetus on, in Florida 2589
Junonia coenia, nonoccluded virus in 3899
Junonia orithya madagascariensis, on *Striga,* in East Africa 5076
Jute (*Corchorus capsularis* and *C. olitorius*)
apholate in, toxicity of 2143
Apion corchori on, in West Bengal 2840
Chrotogonus trachypterus on 4680
metepa in, toxicity of 2143

e *contd.*
  ests of, in India 2839
  podoptera littoralis on, in Egypt 1372
abione (*see* 1-Cyclohexene-1-carboxylic
  acid, 4-(1,5-dimethyl-3-oxohexyl)-,
  methyl ester, [*S*-(*R**,*S**)]-)
encus, Sirex
enile hormones
  nalogues of
    activity and metabolic stability of 1290
    in rats, metabolism of 4587
    insect control using 1205, 1588–1589, 1605, 1717–1718, 1720, 1722, 1730, 2018, 2034–2035, 2043, 2127, 2873, 2921–2922, 3681, 4522, 4986
    Manduca sexta bioassay for activity in 1303
    selectivity of 1720
    structure-activity relationships in 2562
  ioassay for 1653
  ooks on 4586
  n *Diatraea grandiosella* 4103
  n *Pieris brassicae* 3455
  n *Schistocerca gregaria,* effects of 2241
  n *Tenebrio molitor,* effects of 4589
  n teratocytes 4226
  ode of action of 1719
  otential sites for insecticide attack 1727
  eceptor for 4590
  ubstances tested for activity resembling:
    arylterpenoid compounds 4588
    sesquiterpenoid and geranyl derivatives 3471
  ynthesis of 1305
thrin (*see* Cyclopropanecarboxylic acid,
  3-(cyclopentylidenemethyl)-2,2-dimethyl-,
  [5-(phenylmethyl)-3-furanyl]methyl ester,
  (1*R-trans*)-)
  (*see* 4*H*-1,3,2-Benzodioxaphosphorin, 2-
  phenyl-, 2-oxide)
  3401
e (*Brassica oleracea* var. *viridis*)
  phids on, in UK 4187
  urgantia histrionica on
    in North Carolina 4785
    resistance to 4785
  ieris rapae on
    in Alabama 1481
    in South Carolina 5142
  lutella xylostella on, in Alabama 1481
  richoplusia ni on
    in Alabama 1481
    in South Carolina 5142
otermes flavicollis
  ut symbionts in
    effects of drugs on 2697
    effects of timber preservatives on 2272
    effects of wood extracts on 2272
  n France 4287
  n grape vine
    damage caused by 4287
    in France 4287

Kaltenbachiella pallida
  in USSR 1110
  on *Mentha,* in Turkmenia 1110
Kaltenbachiola strobi
  in Czechoslovakia 5192
  on *Picea abies,* in Czechoslovakia 5192
kambyses, Sphenoptera
Kanamycin, sulfate, in *Citrus,* effects on mites of 3744
Kansas
  Delphinia picta in, on rotting vegetation 2591
  Diatraea grandiosella in 2724
  Ephestia cautella in 2875
  Plodia interpunctella in 2875
  rodents in, pesticide residues in 1646
  Tetranychus urticae in, on *Euonymus japonicus* 662
Kaolin
  against
    Rhyzopertha dominica 4592
    Sitophilus oryzae 4592
    Tenebroides mauritanicus 4592
Kaolinite, in insecticidal dusts 2935
Kapok (see *Ceiba pentandra*)
Karbofos (*see* Malathion)
kashmiriensis, Aphelinus
kasmirica, Ostrinia
Katelsousse
  against, *Sitophilus oryzae* 3855
  in stored maize, effects of 2417–2418
  in stored wheat, effects of 2417–2418
keegani, Melichares, (*Blattisocius*)
Kelevan (*see* 1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-, ethyl ester)
  625
  627
  1249
  3573
  3574
  4945
Kelthane (*see* Dicofol)
Kenaf (*Hibiscus cannabinus*)
  Bemisia tabaci on, in Sudan 939
  Dysdercus cingulatus on, in Philippines 4350
  Earias insulana on, in Egypt 4191
  Maconellicoccus hirsutus on, in Bihar 4808
  Spodoptera littoralis on, in Egypt 1372
Kenaf (stored seeds), stored-product pests in 2425
kentiae, Phenacaspis, (*Chionaspis*)
Kentucky
  Hypera postica in, on lucerne 1448
  Manduca sexta in, natural enemies of 3655
Kenya
  aphids in, natural enemies of 4213

Kenya *contd.*
- *Ascotis selenaria* in
  - natural enemies of 2258
  - on coffee 2258
- *Aspidiotus atomarius* in, on tea 4554
- *Chilo orichalcociliellus* in
  - on maize 3687
  - on sorghum 3687
- *C. partellus* in
  - on maize 3687
  - on sorghum 3687
- *Entypotrachelus meyeri* in, on tea 2375
- *Icerya purchasi* in 3650
- *Leucoptera meyricki* in
  - natural enemies of 4825
  - on coffee 4825
- *Opuntia* spp. in, *Dactylopius indicus* for biological control of 3650
- *Planococcus kenyae* in, on coffee 3650
- *Selenaspidus articulatus* in 3650
- *Sesamia calamistis* in
  - on maize 3687
  - on sorghum 3687
- stored maize in, pest control in 4863
- sugar-cane in, pests of 1403

kenyae, Planococcus

Kepone (*see* Chlordecone)

Kerb (*see* Benzamide, 3,5-dichloro-*N*-(1,1-dimethyl-2-propynyl)-)
- 1218
- 1219

Kermococcus quercus
- biology of 4700
- hyperparasitised by, *Tetrastichus leptoneurus,* in USSR 4701
- in USSR 4700–4701
- on *Quercus,* in USSR 4700
- parasitised by, *Tetrastichus pachyneurus,* in USSR 4700–4701

Kerria lacca
- in India 1848, 4217
- on *Schleichera oleosa,* in Bihar 4217
- parasitised by, Chalcidoidea, in Bihar 4217
- preyed on by
  - *Eublemma amabilis* 4108
    - in Bihar 1848
  - *Holcocera pulverea* 4108

kerrichi, Alamella

3-Ketocarbofuran (*see* 3(2*H*)-Benzofuranone, 2,2-dimethyl-7-[[(methylamino)carbonyl-]oxy]-)

Keys
- *Agriotes,* in Palaearctic region 3431
- Agromyzidae, in India 2522
- *Aphelinus,* in India 1256
- *Aphytis,* in USSR 3430
- *Aspidiotus,* in Hawaii 3715
- *Atherigona,* in Oriental region 1048
- Bembidiinae, in Poland 4057
- Bryobiidae 963
- *Cerambyx* 2517

Keys *contd.*
- *Ceutorhynchus chalybaeus* group 857 7
- *C. contractus* group 857
- *C. rugulosus* group 857
- Chrysomelinae, in Poland 2974
- Cossoninae, in Palaearctic region 1257
- *Diplocolenus* 2973
- Diptera of agricular and horticultural importance 1263
- *Drepanosiphum* 849
- Dynastidae, on coconut, in New Guinea 2310
- *Enaysma,* in UK 2090
- *Eretmocerus* 2081
- *Euxoa,* in North America 2509
- Galerucinae, in Poland 2974
- Hadeninae 4044
- Hemiptera
  - in Canada 861
  - in USA 861
- Histeridae, in Poland 297
- Ibaliidae, in Poland 2975
- Lygaeinae, in Old World 2505
- *Metaphycus,* in South Africa 314
- *Oxyacanthus* 305
- Phylloxeridae, on *Quercus,* in UK 11
- Phytoseiidae, in Egypt 848
- Platypodidae, in California 2255
- Raphidioptera, in Central Europe 45
- sawflies, in USSR 2250
- Scolytidae, in California 2255
- *Solanasca solana* group 2091
- Sphaeritidae, in Poland 297
- Tachinidae, in Australia 2501
- *Tenuipalpus* 4056
- Tetranychid genera 4999
- Tortricidae, on apple, in China 5125
- Trechinae, in Poland 4057
- Trichogrammatidae 855
- *Tuckerella* 2980
- wood-wasps, in USSR 2250
- *Zeteticontus* 2085

khapra, Trogoderma (see *T. granarium*)

khasiensis, Monolepta

Khaya
- *Bunaea alcinoe* on, in Nigeria 3283
- Pyralidae on, control of 4842

***Khaya senegalensis* (timber)**
- *Anacanthotermes ochraceus* in, in Egy 3862
- *Psammotermes fuscofemoralis* in, in Eg 3862

kibunensis, Phytomyza

Kieferia lycopersicella
- control of, insecticides for 2801
- on tomato, damage caused by 2801

Kilakar (*see* Benzenemethanol, 4-chloro-(4-chlorophenyl)-α-cyclopropyl-)
- 2487

Kilifia acuminata
- biology of 1108, 1477
- in Egypt 593, 1477

ifia acuminata *contd.*
  n mango, in Egypt   593, 1477
  easonal abundance of   593
al (*see* Vamidothion)
tonensis, Lachnosterna
kpatricki, Bracon
uensis, Brachymeria
i, North Island (*see Apteryx australis*)
emannia pavida, in West Germany   1828
emannia plumigera, in West Germany
  1828
emannia plumosa, in West Germany
  1828
neschi, Aphis
utiae, Macrosiphum
l-kohl (*see* Kohlrabi)
cheli, Adelges
nigii, Dysdercus
lrabi (*Brassica oleracea* var.
  gongyloides)
  urgantia histrionica on
    in North Carolina   4785
    resistance to   4785
  podoptera exigua on, in Pakistan   3620
otine (*see* BHC (γ-isomer))
donis, Chalioides
oi, Lardoglyphus
unhiae, Planococcus
zotol (*see* DNC)
hniella, Ephestia, (*Anagasta*)
o, Eriophyes
djumovi, Apanteles
iphilus, Dryocosmus
osawai, Aeolothrips
um (see *Schleichera oleosa*)
vanai, Ooencyrtus
bos, in British Columbia   2513
idura riparia
  iology of   1843, 5061
  Egypt   1384, 5061
  rey of   5061
  reying on
    Melanotus communis   1843
    Spodoptera littoralis   1384
  earing of, techniques for   1843
lab (see *Dolichos lablab*)
lab purpureus (see *Dolichos lablab*)
oriosa, Tetragnatha
rador
  Coleophora serratella in, on *Betula*   4051
  Fenusa pusilla in, on *Betula*   4051
radus, Zizera otis
rorychus apicate (see *Barylypa*)
urni, Aphis
insect (see *Kerria lacca*)
canobia oleracea
  iology of   417
  Yugoslavia   417
ca, Kerria
chnosterna
  iology of   1438
  ontrol of   1438

Lachnosterna *contd.*
  control of *contd.*
    insecticides for   653
  in USA   1438
  on coffee, in Mysore   653
Lachnosterna anxia
  in Canada   385
  population density of, determination of
    385
Lachnosterna consanguinea
  biology of   1114
  control of, insecticides for   4189, 4953
  food-plants of   4189
  in India   1114, 4189
  on groundnut, in Uttar Pradesh   1114
  on maize, in Uttar Pradesh   1114
  on *Pennisetum typhoides,* in Uttar
    Pradesh   1114
  on sorghum, in Uttar Pradesh   1114
  on soy bean, in Uttar Pradesh   1114
Lachnosterna crinita
  control of, insecticides for   125
  in USA   125
  on sorghum
    damage caused by   125
    in Texas   125
  on wheat, in Texas   125
Lachnosterna fusca
  in Canada   385
  population density of, determination of
    385
Lachnosterna kiotonensis
  in Japan   1175
  seasonal abundance of   1175
Lachnosterna microphylla, in Virgin Islands
  4141
Lachnosterna morosa
  in Japan   1175
  seasonal abundance of   1175
Lachnosterna portoricensis, in Virgin Islands
  4141
Lachnus acutihirsutus
  sp. n., description of   4055
  in India   4055
  on *Quercus incana,* in India   4055
Laciniogonus fritzi
  in Chad   3784
  on cotton, in Chad   3784
Lacon subcostata (see *Adelocera*)
Lactalbumin hydrolysate, diet component
  for, *Hypera postica*   4661
lacteolus, Metriocnemus
lacteus, Coptotermes
lactis, Carpoglyphus
Lactose (*see* D-Glucose, 4-*O*-*β*-D-
  galactopyranosyl-)
Lactuca sativa (see Lettuce)
lactucae, Hyperomyzus
  (*Amphorophora*)
  (*Nasonovia*)
lacunana, Argyroploce
Lady's finger (*see* Okra)

Laemophloeus alternans, in USSR 3955
laetatorius, Diplazon
laeviceps, Apanteles
laevicollis, Platymeris
laevigatus, Onocophanes
laevinodis, Myrmica
laevis, Dendrocerus
laevis, Macrosteles
laeviusculus, Telenomus
laeviventris, Meteorus
Lagenaria siceraria, *Gampsocoris pulchellus* on, in India 2810
Lageria (see *Crotalaria burhia*)
Lagerstroemia indica, *Lachnosterna consanguinea* on, in India 4189
lais, Calotettix
Lambdina fiscellaria fiscellaria
  control of, insecticides for 3272
  Entomophthora spp. in, in Canada 2000
  in Canada 1836, 1853, 2000, 2386, 3272, 3318
  natural enemies of, in Quebec 3272
  nuclear polyhedrosis virus in
    and biological control using 3318
    in Quebec 3272
  on *Abies balsamea*
    in Newfoundland 1836, 1853, 3318
    in Quebec 3272
  on *Picea mariana,* in Quebec 3272
  parasitised by, *Winthemia occidentis,* and biological control using, in Newfoundland 1836
  preyed on by, birds, in Newfoundland 1853
Lambdina fiscellaria lugubrosa
  in USA (Alaska) 4721
  nuclear polyhedrosis virus in, effects of 26
  parasitised by
    Aoplus velox, in Alaska 4721
    Apechthis ontario, in Alaska 4721
    Cratichneumon spp., in Alaska 4721
    Itoplectis quadricingulatus, in Alaska 4721
    Mastrus laplantei, in Alaska 4721
    Pimpla aquilonia, in Alaska 4721
    P. hesperus, in Alaska 4721
    P. pedalis, in Alaska 4721
Lambdina fiscellaria somniaria, nuclear polyhedrosis virus in, properties of 3877
Lambdina pellucidaria
  biology of 3835
  in USA 3835
  on *Pinus,* in Georgia (USA) 3835
Lambersaphis pruinosae
  biology of 2613
  in USSR 2613
  on *Populus euphratica,* in Kazakhstan 2613
lambersi, Masonaphis
Lamellicorns, control of, insecticides for 5243
Lampetia equestris (see *Merodon*)
Lampides boeticus
  in India 5146
  in New Zealand 4697
  on *Hebe,* in New Zealand 4697
  on pea, in Punjab 5146
  on *Ulex europaeus,* in New Zealand 4697
Lampronota nitida
  in USSR 5085
  parasitising, *Hadena sordida,* in Kazakhstan 5085
lampros, Bembidion
Lamprosema indicata (see *Hedylepta*)
lanceolatisetae, Cenopalpus
lanceolator, Oncophanes (see *O. laevigatu*
langei, Aulacorthum solani
lanigerum, Eriosoma
Lannate (*see* Methomyl)
Lanosta-8,24-dien-3-ol, (3*β*)-, in *Trogoder granarium,* not possessing cholesterol-sparing activity 2545
Lanosterol (*see* Lanosta-8,24-dien-3-ol, (3

Lantana camara
  Agistemus exsertus on, in Egypt 540
  Bemisia tabaci on, in Egypt 1003
  control of, biological, in South Africa 1027
  Plagiohammus spinipennis on, and biological control using, in New Sou Wales 4241
  Zonocerus variegatus on, in Nigeria 36
Laodelphax striatella
  Conidiobolus spp. in, in Japan 1182
  control of, insecticides for 1044, 2428, 2730
  in Japan 134, 521, 920, 1182, 2427–24 2730, 4676
  insecticide resistance in, development of 3484–3485
  maize rough dwarf virus in
    development of 3871
    transmission of 2892, 4418
  on rice, in Japan 521, 920, 2427–2428, 2730, 4676
  rice black-streaked dwarf virus in, transmission of 2892
  rice stripe virus in, in Japan 134, 2427–2428
Laos, Tephritidae in 2962
laothoe, Coccygomimus
Lapachanon (*see* 2*H*-Naphtho[1,2-*b*]pyran, 6-methoxy-2,2-dimethyl-)
Lapachenole (*see* 2*H*-Naphtho[1,2-*b*]pyran 6-methoxy-2,2-dimethyl-)
Lapachol (*see* 1,4-Naphthalenedione, 2-hydroxy-3-(3-methyl-2-butenyl)-)
Lapaeumides dedalus
  in Surinam 542

- ***paeumides dedalus*** *contd.*
  - on coconut
    - damage caused by 542
    - in Surinam 542
- ***athi, Cryptorhynchus***
- ***phygma exigua*** (see *Spodoptera*)
- ***hygmae, Meteorus***
- ***lantei, Mastrus***
- ***ortei, Cedrobium***
- ***ponica, Chrysomela,*** (*Melasoma*)
- **ch** (see *Larix*)
- **ch, European** (see *Larix decidua*)
- **ch-needle powder,** diet component for, *Zeiraphera diniana* 1159
- **ch, Siberian** (see *Larix sibirica*)
- **ch, western** (see *Larix occidentalis*)
- ***darius, Dermestes***
- ***rdoglyphus konoi***
  - hypopi of 1688
  - hypopus formation in 5006
    - effects of diet on 2999
- ***goensis, Amblyseius***
- ***icella, Coleophora***
- ***icicola, Dioryctria***
- ***icicola, Hylemya***
- ***icinellae, Chrysocharis***
- ***icis, Adelges***
- ***icis, Anogmus***
- ***icis, Cephaloglypta***
- ***icis, Dasineura***
- ***rinus,*** in Europe 4730
- ***rinus brevis,*** in Europe 4730
- ***rinus carlinae,*** in Europe 4730
- ***rinus jaceae,*** in Europe 4730
- ***rinus leuzeae,*** in Europe 4730
- ***rinus sturnus,*** in Europe 4730
- ***rix***
  - *Adelges* spp. on, in China 2398
  - *Erannis jacobsoni* on, in Buryatia 3281
  - *Orgyia antiqua* on, in Buryatia 3281
  - sawflies on, in Europe 1534
  - *Zeiraphera diniana* on
    - in France 3354
    - in Switzerland 337
    - in USSR 3814
- ***rix decidua***
  - *Dasineura laricis* on, in Czechoslovakia 5192
  - *Hylemya laricicola* on, in Poland 688
- ***rix laricina***
  - *Choristoneura fumiferana* on, in Ontario 3816
  - *Coleophora laricella* on, in Ontario 3816
  - *Semiothisa oweni* on, in Manitoba 3278
  - *S. sexmaculata* on, in Manitoba 3278
  - *S. signaria* on, in Manitoba 3278
  - *Zeiraphera improbana* on, in Ontario 3816
- ***rix occidentalis***
  - *Choristoneura occidentalis* on, in Montana 1972
- ***Larix occidentalis*** *contd.*
  - *Coleophora laricis* on
    - in Idaho 3840
    - in Montana 3840
    - in Washington 3840
- ***Larix sibirica***
  - *Dioryctria laricicola* on, in USSR 4372
  - pests of, in USSR 4372
- ***larvarum, Exorista***
- ***laserpitii, Phytomyza*** (see *P. angelicae*)
- ***Laserpitium, Phytomyza*** spp. on 2976
- **Lasers**
  - effects of, on
    - *Trogoderma inclusum* 250
    - *T. variabile* 250
- ***Lasiocampa quercus***
  - *Borrelinavirus* spp. in, in USSR 1183
  - in USSR 1183
- ***Lasioderma serricorne***
  - *Bacillus cereus* in
    - in South Carolina 3895
    - pathogenicity of 3895
  - *B. thuringiensis* in, infectivity of 3895
  - black mutation of 3011
  - compound eyes in, spectral responses of 5032
  - control of
    - fumigants for 4494, 4939
    - insecticides for 2404, 3990
    - γ-irradiation for 5210
    - juvenile hormone analogues for 2873
  - in Turkey 4487, 4494
  - in USA 1557, 2404, 3895
  - in cotton yarns 3990
  - in *Hibiscus cannabinus* seeds 2425
  - in rayon yarns 3990
  - in soy bean seeds, damage caused by 1557
  - in stored maize, in Turkey 4487
  - in stored tobacco, in Turkey 4494
  - mating behaviour in 889
  - nutrition of 1948
  - ovarian development in 889
  - preyed on by, *Xylocoris flavipes* 2265
- ***Lasiophthicus pyrastri***
  - in Bulgaria 3765
  - preying on
    - *Acyrthosiphon pisum* 2606
    - *Brevicoryne brassicae,* in Bulgaria 3765
  - rearing of, techniques for 2606
- ***Lasiopsylla rotundipennis***
  - in Australia 5183
  - on *Eucalyptus,* damage caused by 5183
- ***Lasioseius martini***
  - sp. n., description of 207
  - in Taiwan 207
  - preying on
    - *Rhizoglyphus callae,* in Taiwan 207
    - *R. echinopus,* in Taiwan 207
- ***Lasius***
  - and soil habitat changes 2693

Lasius *contd.*
  effects of, on a meadow ecosystem 2692
  separation from nest material 4670
Lasius alienus
  in Denmark 2684
  population dynamics of 2684
  preying on, *Reticulitermes flavipes* 114
Lasius brunneus
  control of
    insecticides for 3110
    queen-technique for 3110
  in East Germany 3110
Lasius flavus, *Myrmica rubra* aggregating around 4573
Lasius fuliginosus
  in Netherlands 2686
  preyed on by, woodpeckers, in Netherlands 2686
Lasius neoniger
  in USA 1855
  preying on, soy-bean pests, in Florida 1855
Lasius niger
  food-transmission activity in 1820–1821
  in West Germany 1820
Lasius umbratus, preying on, *Reticulitermes flavipes* 114
Laspeyresia anaranjada (see *Cydia*)
Laspeyresia pomonella (see *Cydia*)
Laspeyresia pyrivora (see *Cydia*)
Laspeyresia woeberiana (see *Enarmonia formosana*)
Laspeyresia youngana (see *Cydia*)
Laspeyresiini, in USSR 4048
lata, Conchaspis
lataniae, Hemiberlesia
latens, Petrobia
lateralis, Helomyia
lateralis, Turanogryllus
Latheticus oryzae
  descriptions of 2103
  in stored rice 1986
Lathridius minutus
  in UK 4858
  in maltings, in UK 4858
Lathyrus, pea enation virus in, infectivity of 4330
Lathyrus odoratus, *Bruchus tristis* on, in Turkey 4486
Lathyrus pratensis, *Aphis falki* on 2977
Lathyrus sativus, *Etiella zinckenella* on 5146
laticeps, Steneotarsonemus
laticollis, Bryocoropsis
latifemur, Chaetonerius
latifrons, Agria
latipes, Mocis
latiscapus, Cheiloneurus, (*Cristatithorax*)
latitarsis, Oryctoderus
latreilei, Enaysma
latus, Carphoborus (see *C. boswelliae*)
latus, Polyphagotarsonemus, (*Hemitarsonemus*)
Lauric acid (*see* Dodecanoic acid)
Laurus nobilis, *Trioza alacris* on, in France 4074
Lawns
  Blissus spp. in, in USA 1437
  B. leucopterus in
    in Connecticut 1877
    in Trinidad 143
  Oscinella frit in, in West Germany 145
lawsoni, Erythroneura
Leaf-mines 3873–3874
Lebanon
  Dacus oleae in
    natural enemies of 4313
    on olive 4313
  Hypera postica in, on lucerne 1880, 4526, 4761
  Prays oleae in
    natural enemies of 4312
    on olive 4312
Lebaycid (*see* Fenthion)
Lebaycide (*see* Fenthion)
Lecanium acuminata (see *Kilifia*)
Lecanium corni (see *Parthenolecanium*)
Lecanium coryli (see *Eulecanium*)
Lecanium deltae (see *Coccus perlatus*)
Lecanodiaspis
  morphology of 1658, 1661
  taxonomy of 1658, 1661
lecheana, Ptycholoma
lechriaspis, Spilonota
Lecithins
  in *Dacus oleae,* developmental changes i 4599
  in *Vitula edmandsii* 2544
lecontei, Enoclerus
lecontei, Neodiprion
leda, Melanitis
Ledermycin (*see* Demethylchlortetracyclin
Ledra aurita
  in Italy 2320
  on hazel, in Italy 2320
  parasitised by, *Tetrastichus ledrae,* in Ita 2320
ledrae, Tetrastichus
Ledum groenlandicum, *Masonaphis pinawa* on, in Manitoba 315
Leek (*Allium porrum*)
  Acrolepia assectella on, in France 3779 4500
  Aphis fabae on, in Belgium 4868
  γ-BHC in, residues of 5253
  DDT in, residues of 5253
  Hylemya antiqua on
    in France 4500
    in Turkey 4444
  H. platura on, in Turkey 4444
  leek chlorotic streak virus in
    in Belgium 4867–4868
    in Netherlands 4867

Leek *contd.*
- leek chlorotic streak virus in *contd.*
  - symptoms of 4867
- *Macrosiphum euphorbiae* on, in Belgium 4868
- *Muscina assimilis* on, in Turkey 4444
- *Myzus persicae* on, in Belgium 4868

Leek chlorotic streak virus
- in
  - *Aphis fabae,* transmission of 4867
  - *Chenopodium quinoa,* symptoms of 4867
  - leek
    - in Belgium 4867–4868
    - in Netherlands 4867
    - symptoms of 4867
  - onion
    - in Belgium 4868
    - symptoms of 4867
  - shallot, in Belgium 4868
- onion yellow-dwarf virus, relation of, and 4867

Leiobunum bicolor
- in Canada 2949
- in soil, effects of fenitrothion on 2949

Leiobunum calcar
- in Canada 2949
- in soil, effects of fenitrothion on 2949

Leiophron pseudopallipes
- host-seeking in 3130
- in USA 3130
- parasitising, *Lygus lineolaris,* in Connecticut 3130

Leis conformis
- in Australia 4302
- preying on, *Myzus cerasi,* in New South Wales 4302

Lema melanopus (see *Oulema*)

Lema trilineata trivittata, parasitised by, *Anaphes flavipes* 480

lemani, Formica

Lemon (*Citrus limon*)
- *Aceria sheldoni* on, in Turkey 4476
- *Agistemus exsertus* on, in Egypt 540
- *Aonidiella aurantii* on
  - in Australia 3212
  - rearing of 5042
  - varietal preferences of 584
- *Aphis spiraecola* on, in Italy 582
- *Brevipalpus californicus* on, in Egypt 948
- *Ceroplastes rusci* on, in Sicily 581
- *Citrus* greening disease in, in Thailand 4309
- *Epiphyas postvittana* on, in Australia 1842
- monocrotophos in, residues of 4019
- *Phyllocoptruta oleivora* on, in Egypt 2782
- *Prays citri* on, in Spain 3753
- *Pseudococcus fragilis* on, in Italy 580

Lemon agami (*see* Lime (*Citrus aurantifolia*))

Lemon baladi (*see* Lime (*Citrus aurantifolia*))

Lemon, rough (see *Citrus jambhiri*)

Lemon, sweet (see *Citrus limetta*)

Lemophagus curtus
- in Yugoslavia 464
- parasitising
  - *Oulema melanopus*
    - and biological control using, in Michigan 5071
    - in Yugoslavia 464

lengi, Ceratomegilla maculata

Lens culinaris (see Lentil)

Lens esculenta (see Lentil)

Lentil (*Lens esculenta*)
- *Bruchidius* spp. on, in India 5147
- *Bruchus ervi* on, in Turkey 4486
- *B. lentis* on
  - in India 5147
  - in Turkey 4486
- *Etiella zinckenella* on, in Punjab 5146
- *Specularius maindroni* on, in India 5147

Lentil flour, *Tribolium castaneum* in 2124

Lentil (stored seeds)
- *Bruchidius incarnatus* in, in Egypt 3303
- *Bruchus lentis* in, damage caused by 3294
- methyl bromide in, toxicity of 2416
- *Trogoderma granarium* in, development of 1551

Lentinus lepideus, in wood, effects on termites of 1860

lentis, Bruchus

Lenzites trabea, in wood, effects on termites of 1860

Leperisinus californicus
- in USA 1970
- on *Fraxinus pennsylvanica,* in North Dakota 1970

Leperisinus criddlei
- in USA 1970
- on *Fraxinus pennsylvanica,* in North Dakota 1970

Lepidoptera
- chronaxia in neuro-muscular system of 354
- courtship behaviour in 3029
- external ocelli in 1275
- in Poland 3047
- integument in, surface sculpturing of 3450
- natural enemies of, in India 2299
- on wheat, in Rhodesia 4742
- pox virus in 3332
- pupal development in 1723
- traps for 412

Lepidosaphes, rearing of, techniques for 3058

lepidosaphes, Aphytis

Lepidosaphes beckii
- acaricides in, toxicity of 278
- biology of 186
- control of, insecticides for 583, 1107, 5132
- in Egypt 583, 1107, 1474
- in New Caledonia 2764
- in USA 188, 278
- in Venezuela 5132
- on *Citrus*
  - in Egypt 583
  - in Florida 188, 278
  - in New Caledonia 2764
  - in Venezuela 5132
  - varietal preferences of 1473
- on guava, in Egypt 1107
- on orange, in Egypt 1474
- preyed on by, *Rhizobius pulchellus,* in New Caledonia 2764

Lepidosaphes gloverii (see *Insulaspis*)

Lepidosaphes macadamiae
- sp. n., description of 4288
- in Australia 4288
- on *Macadamia,* in Queensland 4288

Lepidosaphes macella
- sp. n., description of 4288
- in Australia 4288
- on *Macadamia,* in New South Wales 4288

Lepidosaphes malicola
- control of, insecticides for 4292
- in Iran 4292
- on apple, in Iran 4292
- parasitised by
  - *Aphytis* spp., in Iran 4292
  - *Physcus testaceus,* in Iran 4292
- preyed on by
  - *Chilocorus bipustulatus,* in Iran 4292
  - *Scymnus* spp., in Iran 4292
  - *Thea vigintiduopunctata,* in Iran 4292

Lepidosaphes pistaciae
- in Turkey 4480
- on *Pistacia vera,* in Turkey 4480

Lepidosaphes tapleyi (see *Insulaspis*)

Lepidosaphes ulmi
- biology of 1451
- control of 1451
  - insecticides for 4462
- in Belgium 3246
- in Canada 2326
- in Chile 2800
- in Netherlands 2326
- in Turkey 4459, 4462
- in UK 1451
- on apple
  - forecasting infestations of 3246
  - in Belgium 3246
  - in Netherlands 2326
- parasitised by
  - *Anabrolepis zetterstedtii,* in Netherlands 2326

Lepidosaphes ulmi *contd.*
- parasitised by *contd.*
  - *Aphytis mytilaspidis,* in Netherlands 2326
  - *A. proclia,* in Netherlands 2326
  - *Apterencyrtus micrographus,* in Netherlands 2326
- preyed on by
  - *Forficula auricularia,* in Netherlands 2326
  - *Hemisarcoptes malus*
    - in Canada 2326
    - in Netherlands 2326

lepidus, Harpiphorus

leporina, Acronicta

Leptinotarsa decemlineata
- *Bacillus thuringiensis* in, effects of 3009
- *Beauveria bassiana* in
  - development of infection with 2893
  - effects of 4431
  - pathogenicity of 2902, 4430, 4432
- biology of 931, 1496, 3956, 5005
- control of
  - *Beauveria bassiana* for 3952
  - effects of watering on 4002
  - insecticide-fertiliser mixtures for 626
  - insecticide-pathogen mixtures for 3571, 3952
  - insecticides for 203, 625, 627, 1126, 1246, 1248–1250, 2036, 3571, 3573, 3952, 4001–4002
  - *Neoaplectana carpocapsae* for 3360
  - *Paecilomyces farinosus* for 3571
- DDT in, metabolism of 4960
- DDT resistance in, in Czechoslovakia 822, 4960
- feeding behaviour in 1129
- in Austria 2036
- in Bulgaria 203
- in Czechoslovakia 822, 4960
- in East Germany 838
- in Italy 1496
- in Poland 625–628, 1126, 1246, 1248–1250, 3573
- in Romania 4001
- in USSR 3952, 3956, 5005
- insecticide resistance in, in Austria 2036
- *Metarhizium anisopliae* in, infectivity of 2430
- on potato
  - assessing infestations of 628
  - damage caused by 4801
  - effects of 3582
  - in Austria 2036
  - in Bulgaria 203
  - in Italy 1496
  - in Lithuania 3952, 3956
  - in Poland 625–628, 1126, 1246, 1248–1250, 3573
  - in Romania 4001
  - in USSR 5005
- on *Solanum melongena,* in Italy 1496

***eptinotarsa decemlineata** contd.*
 on tomato, in Italy 1496
 Paecilomyces farinosus in
  development of infection with 2893
  effects of 4431
  pathogenicity of 4430, 4432
 population dynamics of, effects of physical factors on 827
 preyed on by
  Coccinella septempunctata, in Italy 1496
  Perilloides bioculatus 838
  Zicrona caerulea, in Italy 1496
eptocorisa acuta
 in Papua New Guinea 4144
 on rice, in New Guinea 4144
eptocorisa chinensis
 in Japan 1868
 on rice
  damage caused by 518–519
  in Japan 1868
eptocorisa corbetti (see *L. chinensis*)
eptocorisa oratoria
 in Papua New Guinea 4144
 on rice, in New Guinea 4144
eptocorisa solomonensis
 in Papua New Guinea 4144
 on rice, in New Guinea 4144
eptoglossus corculus
 in USA 4843
 on *Pinus echinata*
  damage caused by 4843
  in Georgia (USA) 4843
eptoglossus phyllopus
 in USA 3702
 on sorghum, in Georgia (USA) 3702
eptohylemyia coarctata (see *Hylemya*)
ptoneurus, Tetrastichus
eptophos (*see* Phosphonothioic acid, phenyl-, *O*-(4-bromo-2,5-dichlorophenyl) *O*-methyl ester)
  1411
  1469
  1898
  2290
  3253
  4920
  5143
eptopterna dolobrata
 in UK 3041
 on *Holcus mollis,* in UK 3041
 population dynamics of 3041
eptura maculicornis
 flight activity in 2857
 in Belgium 2857
eptura rubra
 evaluation of treatments against *Hylotrupes bajulus* using 4406
 flight activity in 2857
 in Belgium 2857
eptus, preying on, *Corthylus columbianus,* in Indiana 1150
Lespedeza, Cecidomyiidi on, in Soviet Far East 3282
Lespesia, parasitising, *Spodoptera frugiperda,* in Venezuela 1010
Lespesia archippivora
 in Venezuela 1010
 parasitising, *Spodoptera frugiperda,* in Venezuela 1010
Lestodiplosis, preying on, *Contarinia baeri,* in Czechoslovakia 2393
Lestodiplosis grassator 1667
Lestodiplosis pini 1667
lethifera, Blaps
Lethrus brachiicollis
 biology of 2364
 control of, insecticides for 2364
 in Turkey 2364
 on *Helianthus annuus,* in Turkey 2364
Lettuce (*Lactuca sativa*)
 Acheta domesticus on, rearing of 1793
 Aulacorthum solani on
  in France 1766
  in UK 2804
 Bremia lactucae in, resistance to 3937
 cucumber mosaic virus in, in West Germany 2346
 dimethoate in, residues of 1634
 Eucosma conterminana on, in Poland 1245
 Hepialus spp. on, in UK 3093
 herbicides in, effects of insecticides on metabolism of 1218
 Hylemya gnava on, in Poland 1245
 lettuce mosaic virus in, in West Germany 2346
 lettuce necrotic yellows virus in, in New Zealand 1568
 Macrosiphum euphorbiae on
  in France 1766
  in UK 2804
 methyl-demeton in, residues of 1634
 Myzus ascalonicus on, in UK 2804
 M. persicae on
  in France 1766
  in Japan 408
  in UK 2804
 Nasonovia ribisnigri on
  in France 1766
  in UK 2804
 parathion in, residues of 1634
 Pemphigus bursarius on
  in UK 2804
  in West Germany 2346
  resistance to 3937
 Spodoptera exigua on, in Pakistan 3620
 Uroleucon formosanus on, in Japan 408
Lettuce extract, *Spodoptera littoralis* feeding responses to 4674
Lettuce mosaic virus, in, lettuce, in West Germany 2346

Lettuce necrotic yellows virus
- in
  - *Hyperomyzus lactucae,* transmission of 1568
  - lettuce, in New Zealand 1568
  - *Sonchus oleraceus,* in New Zealand 1568

Leucania loreyi (see *Mythimna*)

Leucania separata (see *Mythimna*)

Leucania unica (see *Graphania*)

leucaspidis, Prospaltella

Leucaspis pusilla
- biology of 701
- control of, oil emulsions for 701
- in Italy 701
- on *Pinus,* in Italy 701
- parasites of, in Italy 701

leucatella, Recurvaria

L-leucine
- in *Anthonomus grandis,* dietary requirement for 3558
- in *Aphis fabae,* alate formation induced in absence of 2988
- in *Bombyx mori* haemolymph, after DDT prostration 4530
- in cabbage, reduced by carbaryl sprays 3768
- in *Dysdercus fasciatus,* dietary requirement for 3001
- in *Gilpinia hercyniae,* effects of viruses on 26
- in *Lambdina fiscellaria,* effects of viruses on 26
- in *Oryzaephilus surinamensis,* dietary requirement for 2123
- in *Periplaneta americana,* neuroactivity of 4530
- in *Picea abies,* effects on mite infestations of 1960
- in *Reticulitermes lucifugus,* effects of symbionts on anabolism of 2697
- in *Scirpophaga nivella,* dietary requirement for 3000

Leucinodes orbonalis
- amino acids in 3486
- control of, insecticides for 4349

Leucodonta bicoloria
- *Bisoaniavirus leucodontae* in, in USSR 1183
- in USSR 1183

leucoloma, Graphognathus

Leucoma salicis (see *Stilpnotia*)

leucopeza, Aulacigaster

Leucopholis coneophora
- control of, insecticides for 543
- in India 543
- on coconut, in Kerala 543

Leucopis
- parasitised by, *Pachyneuron* spp., in Pakistan 3817

Leucopis *contd.*
- preying on
  - *Adelges* spp.
    - in India 2674
    - in Pakistan 2674
  - aphids, in Pakistan 3817

Leucopis argenticollis
- in Pakistan 2674
- preying on, *Adelges* spp., in Pakistan 2674

Leucopis manii
- in India 2674
- preying on, *Adelges* spp., in India 2674

Leucopis orbitalis (see *L. argenticollis*)

Leucopis pinicola
- biology of 4230
- in USA 4230
- preying on, *Pineus strobi,* in Ohio 4230

Leucoptera caffeina
- in Tanzania 655
- on coffee, in Tanzania 655
- population dynamics of 655

Leucoptera coffeella
- control of, insecticides for 2845, 3262
- distribution maps for 2180
- in Cuba 2845, 3262
- on coffee, in Cuba 3262

Leucoptera meyricki
- distribution maps for 2180
- flight activity in 4825
- in Kenya 4825
- in Tanzania 655
- on coffee
  - in Kenya 4825
  - in Tanzania 655
- parasites of, in Kenya 4825
- population dynamics of 655

Leucoptera scitella
- control of, insecticides for 1895
- in Bulgaria 1895
- in Iran 1892
- in Italy 5122
- on apple, in Italy 5122
- on fruit trees, in Iran 1892

leucopterus, Blissus

leucospoides, Ibalia

leucostoma, Cydia

leucotreta, Cryptophlebia

leuzeae, Larinus

levipectus, Chrysocharis

Levulinate (*see* 1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-, ethyl ester)

libatrix, Scoliopteryx

Libya, *Megaselia* spp. in, on radish 4324

lichtensteini, Pemphigus (see *P. fuscicornis*

Light
- effects of, on
  - *Acanthoscelides obtectus* 4632
  - *Aphis fabae* 841

- **ght** *contd.*
  - effects of, on *contd.*
    - *Apion virens* 3514
    - *Calpe emarginata* 381
    - *Dysdercus intermedius* 4138
    - *Myelophilus* spp. 4037
    - *Oryzaephilus surinamensis* 3524
    - pests of lucerne 3030
    - *Pieris brassicae* 3024
    - *Rhyzopertha dominica* 4632
    - *Sitophilus granarius* 4632
    - *S. oryzae* 4632
    - *Tenebrio molitor* 66
    - *Tribolium castaneum* 1331
    - *T. confusum* 1331
    - *Trichoplusia ni* 1756
    - *Tuberolachnus salignus* 4637
- **ght-traps**
  - CS_2 combustion products for killing catches in 1800
  - effects of weather on catches in 925
  - for
    - Cecidomyiidae 2275
    - Elateridae 1352
    - moths 4171
  - types of 4157
  - use of 2156, 4157
- ***gniperda, Camponotus***
- ***gnosellus, Elasmopalpus***
- ***gustici, Otiorhynchus,*** (*Brachyrhinus*)
- ***igustrum,*** *Pseudaulacaspis pentagona* on, in Virginia 2333
- ***igustrum vulgare,*** *Schistocerca gregaria* on 984
- **ikuden (sulfonamide)**, against, *Aphis fabae* 769
- ***llooet, Euxoa***
- **ily-of-the-valley** (see *Convallaria majalis*)
- ***macina, Caliroa*** (see *C. cerasi*)
- ***mbatus, Apanteles***
- **ime** (***Citrus aurantifolia***)
  - *Aleurocanthus woglumi* on, in Oman 3754
  - *Aonidiella aurantii* on, varietal preferences of 584
  - *Brevipalpus californicus* on, in Punjab 3214
  - *Citrus* greening disease in, in Thailand 4309
- **ime-sulfur**
  - against
    - *Calepitrimerus* spp. 574
    - *Panonychus ulmi* 1458
    - pests of jute 2839
    - *Phytocoptes* spp. 574
- **ime** (***Tilia***) (see *Tilia*)
- **imonene** (*see* Cyclohexene, 1-methyl-4-(1-methylethenyl)-)
- ***imonius californicus***
  - control of, insecticides for 1920
  - in Canada 1920
- ***Limonius californicus*** *contd.*
  - *Metarhizium anisopliae* in, penetration of cuticle by 4427
  - on potato, in Alberta 1920
  - *Pseudomonas aeruginosa* in, penetration of cuticle by 4427
- ***limosus, Sitona***
- ***Limotettix capitata***
  - taxonomy of
    - *Cicadulina bimaculata* distinct from 4245
    - *C. bipunctella* distinct from 4245
    - transferred from *Cicadulina* 4245
- ***Limothrips cerealium***
  - in Belgium 3612
  - on wheat
    - effects of nematicides on 3612
    - in Belgium 3612
- ***Limothrips denticornis***
  - biology of 2704
  - in Finland 2704
  - on barley, in Finland 2704
  - on rye, in Finland 2704
- **Lindane** (*see* BHC (γ-isomer))
- **Lindatox** (*see* BHC (γ-isomer))
- **Linden** (see *Tilia*)
- ***Lindorus lophanthae***
  - in USA (Hawaii) 3715
  - malathion in, toxicity of 761
  - preying on, *Aspidiotus destructor*, in Hawaii 3715
  - taxonomy of, *Rhizobius pulchellus* misidentified as 2764
- ***linearis, Atomaria***
- ***linearis, Hypophloeus***
- ***linearis, Lyctus***
- ***linearis, Neodiprion taedae***
- ***linearis, Riptortus***
- ***lineata, Hyles,*** (*Celerio*)
- ***lineatella, Anarsia***
- ***lineatum, Trypodendron***
- ***lineatus, Agriotes***
- ***lineatus, Neophilaenus***
- ***lineatus, Sitona***
- ***lineellus, Sitona***
- ***lineola, Brevipalpus***
- ***lineola, Thymelicus***
- ***lineolaris, Lygus***
- ***lineolata, Euscelis***
- ***lineolatus, Adelphocoris***
- ***lingnanensis, Aphytis***
- ***Linnaemya concavicornis***
  - in Australia 2501
  - taxonomy of, *Linnaemya nigripalpus* as synonym of 2501
- **Linnate** (*see* Methomyl)
- **Linoleic acid** (*see* 9,12-Octadecadienoic acid, (*Z,Z*)-)
- **Linolenic acid** (*see* 9,12,15-Octadecatrienoic acid, (*Z,Z,Z*)-)
- **Linseed** (*see* Flax)
- ***Linum usitatissimum*** (see Flax)

Linuron (*see* Urea, *N'*-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methyl-)
1218
1219
Lioadalia flavomaculata
in South Africa 601
preying on, aphids, in South Africa 601
Liodontomerus perplexus
development in 2669
in USA 2669
parasitising, *Eurytoma roddi* 2669
Liosomaphis berberidis, triglycerides in 4083
Lipaphis erysimi (see also *Hyadaphis erysimi*)
biology of 600, 1911
control of
insecticides for 2349, 2808, 3770, 4786
JH mimics for 1588
feeding behaviour in, effects of sinigrin on 1701
fertility in, effects of antibiotics on 1480
in China 5140
in India 1127, 2349, 2808, 3770, 4786
in South Africa 600–601, 1479, 1911
in South Korea 265
in USA 3762
natural enemies of, in South Africa 601
on *Brassica campestris,* varietal preferences of 4322
on *Brassica juncea,* varietal preferences of 4322
on broccoli, in China 5140
on cabbage
in China 5140
in South Africa 600–601, 1479, 1911
on Chinese cabbage, in China 5140
on mustard
in California 3762
in Delhi 2808
in Haryana 4786
in Uttar Pradesh 2349, 3770
on potato, in Uttar Pradesh 1127
on radish, in China 5140
on rape, in California 3762
on spinach, in China 5140
population dynamics of 5140
preyed on by
Menochilus sexmaculatus 2470
Syrphidae 3664
Syrphus balteatus 4703
Lipaphis erysimi pseudobrassicae (see *L. erysimi*)
lipara, Tracholena
liparidis, Apanteles
Lipase, diacylglycerol, in *Spodoptera eridania* fat-body 883
Lipase, diglyceride (*see* Lipase, diacylglycerol)
Lipase, extra-digestive (*see* Lipase, triacylglycerol)
Lipase, monoacylglycerol, in *Spodoptera eridania* fat-body and flight muscles 883
Lipase, monoglyceride (*see* Lipase, monoacylglycerol)
Lipase, triacylglycerol
in *Beauveria bassiana,* aiding penetration of insect cuticle 1188
in *Ceratitis capitata* 4572
in *Dacus oleae* 4572
in *Dermestes lardarius* 2872
in *Diabrotica undecimpunctata* eggs 23
in *Galleria mellonella,* degrading larval cuticle 1188
in *Lymantria dispar,* effects of insecticide on 346
in *Malacosoma neustria,* effects of insecticides on 346
in *Mamestra brassicae,* effects of insecticides on 346
in *Solenopsis richteri,* localisation of 33
in *Spodoptera eridania* fat-body 883
in *Trogoderma granarium* pupae 333
Lipase, triglyceride (*see* Lipase, triacylglycerol)
Lipids
in *Gilpinia hercyniae* diet, utilisation of 3824
in *Melanoplus sanguinipes* cuticle, incorporation of dietary n-alkanes int 4204
in *Vitula edmandsii,* effects of dietary fatty acids on 2544
Lipolexis gracilis, in France 1255
Lipolexis scutellaris
in India 3122
parasitising
Aphis spp., in West Bengal 3122
Toxoptera spp., in West Bengal 3122
lipperti, Pityogenes (see *Ips calcaratus*)
Liquidambar styraciflua, Malacosoma disstria on, in Mississippi 4880
liriodendri, Macrosiphum
liriodendri, Thecodiplosis
liriodendri, Toumeyella
Liriodendron tulipifera
Amblyseius fallacis feeding on pollen of 3126
Cecidomyia spp. on, in Tennessee 1963
Macrosiphum liriodendri on, in Tennesse 1963
Odontopus calceatus on, in Tennessee 1963
pests of, in USA 3831
Thecodiplosis liriodendri on, in Tennessee 1963
Liriomyza alliovara (see *L. trifolii*)
Liriomyza brassicae
in North America 5000
taxonomy of 5000
Liriomyza bryoniae
control of, insecticides for 3929

iomyza bryoniae *contd.*
  n Egypt 3929
  n sweet melon, in Egypt 3929
iomyza congesta
  iology of 3228
  n Egypt 3228
  n *Vicia faba,* in Egypt 3228
iomyza huidobrensis, in North America 5000
iomyza munda (see *L. sativae*)
iomyza propepusilla, taxonomy of, considered a synonym of *L. sativae* 5000
iomyza sativae
  ontrol of, insecticides for 1204, 1499, 3772
  n Cuba 1204
  n North America 5000
  n USA 1499, 3772
  on *Phaseolus lunatus,* in Maryland 3772
  on potato, in Cuba 1204
  on tomato, in Ohio 1499
  axonomy of, *Liriomyza propepusilla* considered a synonym of 5000
riomyza trifoliearum
  p. n., description of 2960
  n North America 5000
  n USA 2960
  on *Trifolium incarnatum,* in Florida 2960
  on *Trifolium repens,* in Florida 2960
riomyza trifolii
  control of, insecticides for 3231, 3774, 5145
  n Egypt 3231, 3774, 5145
  n North America 5000
  on *Vicia faba,* in Egypt 3231
  on *Vigna unguiculata,* in Egypt 3774
  taxonomy of, *Liriomyza alliovara* as synonym of 5000
***riomyza trifolii* auct.** (see *L. congesta*)
rothion (*see* Parathion)
ssonota dubia
  in West Germany 4383
  overwintering in 4383
  parasitising
    Epinotia tedella 1537, 4699
      in West Germany 4383
stronotus oregonensis, rearing of, techniques for 3568
tchi (see *Litchi chinensis*)
tchi chinensis
  insect pollination of 448
  Myllocerus discolor on, in India 4317
  M. undecimpustulatus on, in India 4317
  Platypeplus aprobola on, in Bihar 1909
  Salagena spp. on, in South Africa 4777
  Tessaratoma papillosa on, in China 885
hocolletidis, Pediobius
ithocolletis (see *Phyllonorycter*)
ithocolletis blancardella (see *Phyllonorycter*)
Lithocolletis corylifoliella (see *Phyllonorycter*)
Lithocolletis ringoniella (see *Phyllonorycter*)
Lithocolletis turanica (see *Phyllonorycter*)
Lithophane georgii
  biology of 2774
  in Canada 2774
  on apple
    damage caused by 2774
    in British Columbia 2774
littoralis, Scaphoideus
littoralis, Spodoptera
litura, Spodoptera, (*Prodenia*)
liturata, Hylemya (see *H. florilega*)
lituratus, Exochomus
Liver, bait component for, *Monomorium pharaonis* 3637
livia, Virachola, (*Deudorix*)
lividipes, Nala
Livistona chinensis, *Pelopidas mathias* on, in Madhya Pradesh 3695
livornica, Hyles lineata
Lixophaga diatraeae
  biology of 2260
  parasitising
    Chilo infuscatellus, and biological control using, in Taiwan 2025
    C. sacchariphagus 4668
      and biological control using, in Taiwan 2025
    Diatraea saccharalis
      and biological control using
        in Cuba 2260
        in Guadeloupe 2284
    Galleria mellonella 2260, 4668
    Sesamia inferens, and biological control using, in Taiwan 2025
  rearing of, techniques for 4668
Lixophaga sphenophori, parasitising, *Rhabdoscelus obscurus* 3137
Lixus juncii
  biology of 417
  in Yugoslavia 417
Lobesia botrana
  control of
    insecticides for 3717, 4475
    non-target effects of 4473
  descriptions of 1078
  distribution maps of 3544
  in Bulgaria 3717
  in France 2317
  in Switzerland 5014
  in Turkey 3718, 4469–4470, 4473, 4475
  on grape vine
    assessing infestations of 2317
    in Bulgaria 3717
    in France 2317
    in Switzerland 5014
    in Turkey 3718, 4469–4470, 4473, 4475
  rearing of, diets for 32
  sex pheromone of 5014

Lobesia botrana *contd.*
  sterilisation of, γ-irradiation for 1330
  traps for 2317
lobulata, Zophiuma
Locusta migratoria
  amino acids in 2640–2641
  eggs of, polysaccharides in 94
  embryonic development in 2554
  enzymes in 2239
  feeding behaviour in 2230
  flight activity in 1696, 4200
  frontal ganglion in 2647
  haemocytopoietic tissue in, effects of X-irradiation on 886
  in Australia 4276
  lipids in 1696
  locustol in 433
  maxillary palps in, chemoreceptors on 2642–2643
  meal size in 2238
  on sorghum, in Queensland 4276
  parasitised by, *Ceracia mucronifera* 5067
  sexual activity in
    hormonal control of 1725
    neural control of 1725
  supercooling of 3628
  uric acid in 2239
  wing-beat frequency in 1369
Locusta migratoria capito
  biology of 4209
  control of 4209
  in Malagasy Republic 4209
Locusta migratoria cinerascens, locustol in 434
Locusta migratoria migratorioides
  biology of 4209
  control of 4209
    juvenile hormone analogues for 1718
  egg-shell in, permeability of 1817
  eggs of, variation in 435
  food passage through 3099
  gregarisation pheromone in 4202
  haemolymph proteins in 1700, 3468
  heart in 3630
  in Africa 4209
  in Malagasy Republic 4681
  in Mali 4681
  in Nigeria 4206, 4681
  in Sudan 4681
  juvenile hormone analogues in, effects of 1724
  locustol in 434
  Malameba locustae in, control of 93
  nervous system in 3630, 3635–3636
  outbreak areas of 4681
  population dynamics of 3097, 4206
  tympanal organs in 2645
Locustana pardalina
  activity in, in South Africa 436
  biology of 4209
  compound eyes in 4205
  gregarisation in 983
Locustana pardalina *contd.*
  in Africa 4209
  in South Africa 983
  locustol in 433
  population dynamics of 983
Locustol (*see* Phenol, 5-ethyl-2-methoxy-)
Locusts
  elastic cuticle in 4201
  endocrinology of 4686
  in Turkmenia 1657
loginovae, Psylla
Lolium multiflorum, *Phyllobius* spp. on, in UK 2305
Lolium perenne
  Costelytra zealandica on, damage cause by 4757
  fensulfothion in, uptake of 3706
  Heterococcus pulverarius on, in Ohio 4230
  Phyllobius spp. on, in UK 2305
Lonchura striata, DDT in, effects of 360
longicaudata, Schizaphis
longicaudatus, Opius
longicellana, Choristoneura, (*Archips*)
longicollis, Odoiporus
longicornis, Diabrotica
longicornis, Paratrechina
longicornis, Scolothrips
longicorpus, Scambus
Longidorus, control of, nematicides for 5243
longinoda, Oecophylla
longior, Tyrophagus, (*Tyroglyphus*)
longipennis, Pachydiplax
longipes, Anoplolepis
longirostre, Apion
longirostris, Callibaphus
longirostris, Dysdercus
Longirostris raji
  gen. et sp. n., description of 4055
  in India 4055
  on *Salvia,* in India 4055
longisetaceus, Cheiloneurus
longissima, Brontispa
Longitarsus, taxonomy of 299
Longitarsus jacobaeae
  biology of 489
  in Italy 489
  on *Senecio jacobaea*
    and biological control using
      in California 489
      in Oregon 489
      in Washington 489
Longiunguis sacchari
  in India 1256
  on sorghum, in India 1256
  parasitised by, *Aphelinus desantisi,* in India 1256
longiventris, Paragus
longulum, Diversicrus
lonicerae, Nematus
Looplure (*see* 7-Dodecen-1-ol, acetate, (*Z*)-

- ***si, Typhlodromus***
- ***anthae, Lindorus***
- ***hodermium pinastri***
  - n *Pinus sylvestris*
    - effects of 1168
    - in Poland 1168
- ***hodes sinistraria***
  - Australia 4307
  - n avocado, in Queensland 4307
- ***hopteryx camelina*** (see *Ptilodon capucina*)
- ***hyroplectus luteator***
  - ispersal of 1395
  - arasitising, *Neodiprion sertifer,* and biological control using, in Ontario 1395
- **uat** (*Eriobotrya japonica*)
  - *ceria eriobotryae* on, in Egypt 1337
  - *nastrepha suspensa* on, in Florida 4306
  - *enopalpus favosus* on, in Pakistan 2979
  - *Iemiberlesia lataniae* on, in Egypt 3179
- ***li, Czenspinskia*** (see *Calvolia transversostriata*)
- ***yi, Mythimna,*** (*Leucania*)
- ***ryia turrialbensis***
  - ontrol of, acaricides for 2781
  - n Colombia 180, 2781
  - n *Citrus,* in Colombia 180, 2781
  - opulation dynamics of 180
- ***tus corniculatus,*** *Lygus lineolaris* on, in Ontario 5104
- **isiana**
  - *nthonomus grandis* in 4665
  - Cicadellidae in, on *Cynodon dactylon* 4278
  - Delphacidae in, on *Cynodon dactylon* 4278
  - *Diatraea saccharalis* in, on sugar-cane 3381
  - *Heliothis virescens* in 4593
  - *Hyphantria cunea* in, on pecan 1454
  - *Pseudoplusia includens* in
    - natural enemies of 3324
    - on soy bean 3324
- **vozal** (*see* Fenazaflor)
- ***xa flavicollis,*** in Virgin Islands 4141
- ***hia, Trialeurodes*** (see *T. desmodii*)
- **canidae,** pathogens of, in Malagasy Republic 240
- **cerne** (*Medicago sativa*)
  - *Acyrthosiphon pisum* on
    - in Argentina 1198
    - in Bulgaria 1916
    - in Czechoslovakia 924, 4978
    - in France 4763
    - in UK 4865
    - in Washington 1881
  - *Agromyza frontella* on, in Quebec 536
  - *Agrotis ipsilon* on, development of 4095
  - *Aphis meliloti* on 2977
  - arthropods associated with, in New York 532, 1446
- **Lucerne** *contd.*
  - arthropods on
    - collection of 4657
    - diel vertical movements of 3030
  - *Astylus atromaculatus* on, in Argentina 2741
  - bean leaf-roll virus in, symptoms of 4865
  - *Bruchophagus roddi* on, resistance to 4284
  - chlordane in, residues of 4021
  - *Contarinia medicaginis* on, in Greece 2308
  - *Diabrotica virgifera* on, in Nebraska 4011
  - *Discestra trifolii* on
    - in Bulgaria 3094
    - in Turkmenia 1831
  - *Empoasca fabae* on
    - damage caused by 3175
    - in Nebraska 3175
  - *Heliothis viriplaca* on, in Turkmenia 1831
  - *Hypera brunneipennis* on, in Mexico 2794
  - *H. postica* on
    - effects of parasitism on feeding by 3666
    - in Illinois 4127
    - in Indiana 4127
    - in Iran 1197
    - in Kentucky 1448
    - in Lebanon 1880, 4526, 4761
    - in Maryland 3176
    - in Michigan 3933
    - in Ontario 1447
    - in Saudi Arabia 1443
    - in South Dakota 4762
  - insects associated with, traps for 1791
  - leaf area increase in 2913
  - *Lygus elisus* on, in Washington 1881
  - *L. hesperus* on, in Washington 1881
  - *L. lineolaris* on 5104
  - *L. rugulipennis* on, damage caused by 3177
  - *Macrosiphum creelii* on, in Washington 1881
  - *Megachile pacifica* on, in Spain, introduced as pollinator 3638
  - methyl-parathion in, residues of 1448
  - *Notoxus anchora* on, in Ontario 4702
  - pea leaf-roll virus in, aphid transmission of 4789
  - pests of, in France 3708
  - *Plathypena scabra* on, in Iowa 148
  - pollination of 2650
  - *Proxylocopa rufa* pollinating, in Uzbekistan 2210
  - *Psalis pennatula* on, in Rajasthan 512
  - *Scaptocoris castaneus* on, in Argentina 538
  - seed pests of, in USSR 147

Lucerne *contd.*
  spiders associated with, in New York 533
  Spodoptera littoralis on 646
    insecticide susceptibility of 3395
  S. litura on, in Jordan 4901
  subterranean clover red-leaf virus in, in New Zealand 3713
  Tephrina arenacearia on, in Turkmenia 1831
  Tetranychus urticae on, in Jordan 4905
  Therioaphis trifolii on, in Arizona 3709
Lucerne dwarf disease (*see* Alfalfa dwarf disease)
Lucerne fields
  Coccinellidae in, dispersal of 4706
  Geocoris pallens in, in California 4053
  G. punctipes in, in California 4053
  malathion in, non-target effects of 4011
  Pectinophora gossypiella in, in California 4133
Lucerne-leaf powder
  diet component for
    Hypera postica 4661
    Spodoptera litura 3622
Lucerne meal
  diet component for
    Adoxophyes orana 1092
    Lobesia botrana 32
Lucerne mosaic virus (*see* Alfalfa mosaic virus)
lucidula, Proagopertha
lucifuga, Geoica
lucifugus, Reticulitermes
ludeni, Tetranychus
ludens, Anastrepha
Luffa acutangula, *Dacus cucurbitae* on, development of 2352
Luffa aegyptiaca, *Henosepilachna vigintioctopunctata* on, feeding by 4788
lugens, Athalia
lugens, Nilaparvata
lugubris, Chrotogonus
lugubris, Formica
lugubris, Perotis
lugubrosa, Lambdina fiscelleria
Lumbricus terrestris
  carbofuran in
    metabolism of 4963
    toxicity of 4963
  DDT in, uptake of 3413
luna, Patasson
lunalis, Sylepta
lunata, Euproctis
lundi, Acromyrmex
luniger, Syrphus
lunigera, Cosmotriche, (*Selenephera*)
Lupinus
  Cynthia cardui on, development of 4190
  Etiella zinckenella on 5146
Lupinus luteus, aldrin in, metabolism of 1229
lupulinus, Hepialus
luridus, Chironomus
luridus, Troilus
lustrabilis, Tenuipalpus
luteator, Lophyroplectus
luteellus, Chilo
luteotactella, Neodrepta
lutescens, Amblypelta
lutescens, Deraeocoris
lutescens, Malacosoma californicum
lutescens, Perilissus
Luzulaspis agropyri
  descriptions of 4279
  development in 4279
  in USSR 4279
  on grasses, in Transcaucasia 4279
lybica, Empoasca
Lycaenidae, classification of 1677
Lychnis flos-cuculi, outbreaks of *Anthonomus pomorum* on apple relate
  to flowering of 3734
lycimnia, Coccophagus
Lycium chinense
  Eriophyes kuko on
    galls of 2824–2825
    in South Korea 2823
  E. tjyingi on, in Taiwan 1665
lycopersicella, Kieferia
lycopersici, Aculops
Lycopersicon esculentum (see Tomato)
***Lycopersicon* virus 3** (see Tomato spotted wilt virus)
Lycoriella auripila (see *Sciara*)
Lycosa
  preying on
    Nephotettix cincticeps
      effects of insecticides on 5096
      in Japan 5096
      models of 5096
Lycosa pseudoannulata
  γ-BHC in, toxicity of 2734
  Galecron in, toxicity of 2734
  in South Korea 2655
  preying on
    Nephotettix cincticeps 2734
    Thecodiplosis japonensis, in South Korea 2655
Lycosa t-insignita
  biology of 2655
  in South Korea 2655
  preying on, *Thecodiplosis japonensis,* in South Korea 2655
Lycosidae, colonisation of new territory by
  5027
Lyctus brunneus
  in Italy 1555
  in parquet floors, in Italy 1555
Lyctus linearis
  in Italy 1555
  in *Robinia* stakes, in Italy 1555
***Lydella grisescens* auct.** (see *L. thompsoni*)

della thompsoni
  n Canada 1835
  n Spain 4745
  arasitising
    Ostrinia nubilalis
      in Ontario 1835
      in Spain 4745
    Sesamia nonagrioides, in Spain 4745
gaeidae, enzymes in, related to taxonomy 4089
gaeinae, keys to, in Old World 2505
gaeonematus abietina (see *Pristiphora*)
gaeus civilis (see *Spilostethus pandarus*)
gaeus equestris
  iology of 2537
  ontrol of, juvenile hormone analogues for 1720
  ood preferences of 5025
  n Sweden 4033
  nigration in 4033
  ymphal development in 4078
  easonal abundance of 3044
gocerus aphidivorus
  yperparasitising, aphids, in UK 3133
  n UK 3133
gus, on sorghum, in Georgia (USA) 3702
gus disponsi
  utrition of 887
  alivary amylase in 4089
gus elisus
  ontrol of 1881
    insecticides for 3782
  development in 382
  n USA 1881, 3782
  ife-span in 382
  n *Carthamus tinctorius,* in California 3782
  n cotton, in California 3782
  n lucerne, in Washington 1881
  eproduction in 382
gus gemellatus
  n Bulgaria 2279
  n medicinal plants, in Bulgaria 2279
gus hesperus
  ontrol of 1881
    insecticides for 1520, 3242, 3782, 4334
    juvenile hormone analogues for 1720
  development in 382
  n USA 1520, 1524, 1881, 3242, 3782, 4334
  ife-span in 382
  olfactory responses in 3711
  on *Carthamus tinctorius,* in California 3242, 3782
  on cotton
    effects of fertilisers on 1524
    effects of irrigation on 1524
    in California 1520, 1524, 3782
  on lucerne, in Washington 1881
  on *Phaseolus lunatus,* in California 4334
Lygus hesperus *contd.*
  oviposition in, determining substrate preferences for 3254
  parasitised by, *Peristenus stygicus* 3138
  predators of
    effects of fertilisers on 1524
    effects of insecticides on 3242
    effects of irrigation on 1524
  preyed on by
    Geocoris pallens, in California 1524
    Orius spp., in California 3242
    spiders, in California 3242
  preying on, *Spodoptera exigua,* in California 1520
  reproduction in 382
Lygus lineolaris
  in Canada 5104
  in USA 3130
  on *Erigeron* 4628
    in Connecticut 3130
  on *Lotus corniculatus*
    assessing infestations of 5104
    in Ontario 5104
  parasitised by
    Leiophron pseudopallipes, in Connecticut 3130
    Peristenus pseudopallipes 4628
  rearing of, techniques for 3219
Lygus rugulipennis
  control of, insecticides for 5251
  in Bulgaria 2279
  in Finland 624, 5251
  life-span in, effects of food-plant on 328
  on lucerne, damage caused by 3177
  on medicinal plants, in Bulgaria 2279
  on sugar-beet
    damage caused by 624
    in Finland 624, 5251
  parasitised by, *Anaphes fuscipennis,* in Finland 624
  preying on, *Pegomya betae,* in Finland 624
Lygus vosseleri (see *Taylorilygus*)
Lymaenon, parasitising, *Apion corchori,* in West Bengal 2840
Lymantria ampla
  taxonomy of
    characters distinguishing *L. dispar* and 4558
    characters distinguishing *L. obfuscata* and 4558
Lymantria dispar
  biology of 3279, 3596
  Borrelinavirus reprimens in, in USSR 1183
  carbaryl in, effects of 4104
  coldhardiness in 1316
  control of 3596
    evaluation of measures for 2391
    insecticides for 1538, 1898
    mating disruption for 4510
    traps for 4510

Lymantria dispar *contd.*
  cytoplasmic polyhedrosis virus in, infectivity of 738
  disease complex of, in Connecticut 4878
  enzymes in, effects of insecticides on 346
  flight activity in 2862
  haemolymph in, effects of insecticides on 277
  hunger-resistance in, effects of temperature on 1316
  in Canada 2386, 3275
  in Finland 4036
  in Japan 3535
  in Spain 3279
  in Turkey 4480
  in USA 220, 1306, 1538, 1844, 1898, 2391, 2395, 2672, 2862, 3969, 4831, 4878, 5179
  in USSR 1183, 3134, 4036, 4375
  larval dispersal in 706
  losses caused by, calculation of 3969
  mating in, evaluation of pheromone disruption of 4666
  microsomes in, NADPH oxidation in preparations of 1293
  migration in 4036
  mortality in, effects of food-plant on 2864
  nuclear polyhedrosis virus in
    and biological control using 3275
    in Quebec 3275
    mass culture of 4879
    promoting outbreaks of 1536
  on apple, in Connecticut 1898
  on *Betula,* in USSR 4375
  on *Pistacia vera,* in Turkey 4480
  on *Quercus*
    damage caused by 220
    in Connecticut 2395
    in New Jersey 220, 4831
    in Pennsylvania 4831
  on *Quercus ilex,* in Spain 3279
  parasites of
    in Massachusetts 2672
    in Pennsylvania 5179
  parasitised by
    Apanteles laeviceps, in Connecticut 2395
    A. liparidis, in Japan 3535
    A. melanoscelus, in Connecticut 1844, 2395
    Blepharipa scutellata, in Connecticut 1844
    Brachymeria intermedia, in Connecticut 2395
    Calosoma sycophanta, in Connecticut 1844
    Ceromasia rubrifrons, in USSR 3134
    Ooencyrtus kuwanai, in Connecticut 2395
    Parasetigena agilis, in Connecticut 1844

Lymantria dispar *contd.*
  phosalone in, effects of 4104
  phosmet in, effects of 4104
  population dynamics of 3535
  predators of, in Pennsylvania 5179
  preyed on by
    Calosoma inquisitor, in Spain 3279
    C. sycophanta, in Spain 3279
    Passer montanus, in Japan 3535
  rearing of, techniques for 1351
  sex pheromone of
    inhibitor of 1306
    males competing at sources of 1324
  taxonomy of
    characters distinguishing *L. ampla* and 4558
    characters distinguishing *L. obfuscata* and 4558
    Lymantria obfuscata distinct from 3444
Lymantria dispar japonica
  attractants for 3963
  in Japan 3963
  nuclear polyhedrosis virus in, infectivity 738
Lymantria fumida
  attractants for 3963
  in Japan 3963
Lymantria mathura aurora, cytoplasmic polyhedrosis virus in, infectivity of 73
Lymantria monacha
  attractants for 3838
  Borrelinavirus efficiens in, in USSR 11
  fecundity in, effects of RF irradiation on 3497
  in Denmark 5180
  in USSR 1183
  in West Germany 711, 3838, 4841
  mortality in, effects of RF irradiation on 3497
  on *Abies grandis,* in Denmark 5180
  on *Picea,* in West Germany 3838
  on *Picea abies,* in Denmark 5180
  on *Picea sitchensis,* in Denmark 5180
  on *Pinus,* in West Germany 711, 4841
  on *Pinus contorta,* in Denmark 5180
  on *Pinus sylvestris,* in Denmark 5180
  outbreaks of 4841
Lymantria obfuscata
  attractants for 2195
  in Jammu and Kashmir 2195
  taxonomy of
    characters distinguishing *L. ampla* an 4558
    characters distinguishing *L. dispar* an 4558
    Lymantria dispar distinct from 3444
Lyonetia clerkella
  control of, insecticides for 1895
  in Bulgaria 1895
  in Iran 1892
  on fruit trees, in Iran 1892

oriformis, Microlarinus
ysibia nana
  in USSR 3954
  parasitising, *Apanteles glomeratus,* in Lithuania 3954
ysine
  in *Anthonomus grandis,* dietary requirement for 3558
  in *Aphis fabae,* alate formation induced in absence of 2988
  in *Dysdercus fasciatus* diet, requirement for 3001
  in *Picea abies,* effects on mite infestations of 1960
  in *Reticulitermes lucifugus,* effects of symbionts on anabolism of 2697
  in *Scirpophaga nivella,* dietary requirement for 3000
ysiphlebus testaceipes
  in Mexico 4250
  insecticides in, toxicity of 4250
  mummies of, cold storage of 5065
  parasitising
    Schizaphis graminum 5065
      in Mexico 4250
ysolecithins, in *Vitula edmandsii* 2544
ysophosphatidic acids
  in *Ceratitis capitata* 4599
  in *Dacus oleae,* developmental changes in 4599
ysophosphatidylcholines (*see* Lysolecithins)
ysophosphatidylethanolamines, in *Vitula edmandsii* 2544
ytta nuttalli, courtship behaviour in 372
-1703 (*see* Benzeneacetic acid, α-[(dimethoxyphosphinothioyl)thio]-, 1-methylethyl ester)
-2060 (*see* Fluenetil)
acadamia
  Eriococcus ironsidei on, in Queensland 4288
  Lepidosaphes macadamiae on, in Queensland 4288
  L. macella on, in New South Wales 4288
  Neodrepta luteotactella on
    in New South Wales 4370
    in Queensland 4370
  pests of, in Queensland 1456
  Pseudaulacaspis brimblecombei on, in Queensland 4288
  Salagena spp. on, in South Africa 4777
  scale insects on 4288
***acadamia* (stored nuts),** pests of, in Queensland 1456
acadamiae, Lepidosaphes
acchiademus diplopterus
  biology of 4248
  descriptions of 4248
  in South Africa 4248
acella, Lepidosaphes
acellaria, Ephydra
Machaeropsis qamari
  sp. n., description of 2981
  in Bangladesh 2981
  on rice, in Bangladesh 2981
Machaerotidae, in Sudan 2083
Machimus pilipes
  in France 1162
  preying on
    Villa brunnea, in France 1162
    V. velutina, in France 1162
Maconellicoccus hirsutus
  biology of 4808
  in India 4808, 5154
  in Pakistan 4808
  in Papua New Guinea 4144
  on *Hibiscus,* in New Britain 4144
  on *Hibiscus cannabinus,* in Bihar 4808
  on *Hibiscus sabdariffa*
    damage caused by 5154
    in Bihar 4808
    in West Bengal 5154
  preyed on by
    Hyperaspis spp., and biological control using, in New Britain 4144
    Pullus spp., and biological control using, in New Britain 4144
    Scymnus spp., in New Britain 4144
  rearing of, techniques for 3058
Macrocentrus ancylivorus, biological control using, in USSR 1883
Macrocentrus collaris
  biology of 1831
  hosts of 1831
Macrocentrus cuniculus
  in USA 1958
  parasitising, *Petrova arizonensis,* in Colorado 1958
macrocorneus, Chiapacheylus
macroderus, Agrilus
Macrolophus, control of, in Mexico 2795
***Macrolophus costalis* auct.** (see *M. rubi*)
Macrolophus rubi
  in Bulgaria 2279
  on medicinal plants, in Bulgaria 2279
Macromischoides, in cacao plantations, effects of insecticides on 5171
Macromischoides aculeatus, preying on, Miridae 868
Macronoctua onusta
  control of 2850
  in USA 2850
Macropes excavatus (see *Cavelerius*)
Macropes obnubilus
  in Japan 1868
  on rice, in Japan 1868
macropilis, Phytoseiulus
macropilis, Phytoseius
macropus, Callisphyris
Macrosiphini, in Japan 2089
Macrosiphoniella artemisiae (see *Macrosiphum*)

Macrosiphoniella sanborni
- in Australia 4192
- on chrysanthemum, in New South Wales 4192
- pea mosaic virus in, transmission of 3306
- watermelon mosaic virus in, transmission of 735

Macrosiphum, on wheat, in Chile 3156

Macrosiphum artemisiae
- in Romania 1128
- in potato-fields, in Romania 1128

Macrosiphum avenae
- aggregation in 500
- barley yellow-dwarf virus in, transmission of 1561, 3152
- biology of 1028
  - effects of food-plant on 492
- control of 1028
  - insecticides for 124, 2720
- development in 2174
- *Entomophthora aphidis* in, in UK 1040
- *E. planchoniana* in, in UK 1038, 1040
- *E. thaxteriana* in, in UK 1040
- fecundity in 2174
  - effects of fertilisers on 922
- flight activity in 4186
- food-plant preferences of 1863
- in Canada 2720
- in Mexico 2719
- in Romania 1128
- in UK 500, 1028, 1038, 1040, 2287, 3133, 3677, 4186, 4733
- in West Germany 124
- in potato-fields, in Romania 1128
- mortality in 2174
- on barley
  - in UK 1040
  - in West Germany 124
- on *Capsella bursa-pastoris,* in England 4733
- on grain crops, distribution pattern of 500
- on maize, in West Germany 124
- on oats, in West Germany 124
- on rye, in West Germany 124
- on wheat
  - damage caused by 2720
  - in Alberta 2720
  - in Mexico 2719
  - in UK 1038
  - in West Germany 124
- overwintering in 3677
- parasites of, in UK 3133
- parasitised by, *Aphelinus asychis* 908, 4704
- predators of, in UK 3133
- traps for 4186

Macrosiphum compositae, preyed on by, Syrphidae 3664

Macrosiphum creelii
- control of 1881

Macrosiphum creelii *contd.*
- in USA 1881
- on lucerne, in Washington 1881

Macrosiphum euphorbiae
- biology of 2804
- control of 2804
  - insecticides for 206
  - JH mimics for 2035
- flight activity in 4186
- food-plants of 4197
- fungi in, in Maine 3319
- in Australia 4192
- in Belgium 4868
- in Chile 2800
- in France 1766
- in New Zealand 3713
- in UK 2804, 4186, 4347, 4800
- in USA 3319, 4197
- in West Germany 206
- on leek, in Belgium 4868
- on lettuce
  - in France 1766
  - in UK 2804
- on ornamental plants, in New South Wales 4192
- on potato
  - damage caused by 206
  - effects of 4800
  - in Maine 3319
  - in New South Wales 4192
  - in UK 4347, 4800
  - in West Germany 206
- on tomato, in New South Wales 4192
- pea leaf-roll virus in, transmission of
- preyed on by, *Chrysopa perla* 3456
- sowthistle yellow vein virus in, multiplication of 4419
- sterilisation of, chemosterilants for 75
- subterranean clover red-leaf virus in, transmission of 3713
- sugar-cane mosaic virus in, transmissio of 2283
- taxonomy of, *Macrosiphum stellariae* distinct from 3432
- tobacco mosaic virus in, transmission o 239, 4869
- traps for 4186
- turnip mosaic virus in, transmission of 3306
- watermelon mosaic virus in, transmissio of 735

Macrosiphum fragariae
- biology of 1028
- control of 1028
- in UK 1028
- parasitised by, *Monoctonus paulensis* 1378

Macrosiphum knautiae, sp. n., descriptio 850

Macrosiphum liriodendri
- control of, insecticides for 1963
- in USA 1963

- ***Macrosiphum liriodendri*** *contd.*
  - on *Liriodendron tulipifera,* in Tennessee 1963
- ***Macrosiphum rosae***
  - alarm pheromone in 3474
  - control of, insecticides for 4914
  - flight activity in 4186
  - in Australia 4192
  - in Finland 4914
  - in New Zealand 4560
  - in UK 4186
  - on roses
    - in Finland 4914
    - in New South Wales 4192
    - in New Zealand 4560
  - preyed on by
    - *Coccinella septempunctata* 4913
      - and biological control using 4914
  - traps for 4186
  - watermelon mosaic virus not transmitted by 735
  - group of, taxonomy of 850
- ***Macrosiphum rosaeiformis***
  - biology of 4368
  - in India 4368
  - on roses, in Punjab 4368
- ***Macrosiphum solani*** (see *Aulacorthum*)
- ***Macrosiphum solanifolii*** (see *M. euphorbiae*)
- ***Macrosiphum stellariae***
  - food-plants of 3432
  - taxonomy of, *Macrosiphum euphorbiae* distinct from 3432
- ***Macrosteles cristatus***
  - in Finland 5084
  - on barley, in Finland 5084
  - on oats, in Finland 5084
  - on rye, in Finland 5084
  - on wheat, in Finland 5084
- ***Macrosteles fascifrons***
  - *Acholeplasma* spp. in, multiplication of 3869
  - clover phyllody, causal agent in, transmission of 3308
  - food-plants of 1323
  - in USA 1323, 4746
  - maize chlorotic dwarf virus in, not transmitted 3160
  - migration in 1323
  - oat blue-dwarf virus in, breeding for transmission of 731
  - on maize
    - assessing infestations of 4746
    - in South Carolina 4746
  - *Spiroplasma citri* in, multiplication of 3869
  - stylets in 1273
- ***Macrosteles laevis***
  - in Finland 5084
  - in UK 3522
  - on barley, in Finland 5084
  - on oats, in Finland 5084
- ***Macrosteles laevis*** *contd.*
  - on rye, in Finland 5084
  - on wheat, in Finland 5084
- ***Macrosteles ossiannilssoni***
  - in UK 4720
  - preyed on by, *Platypalpus notatus,* in Scotland 4720
- ***Macrosteles sexnotatus,*** in UK 3522
- ***Macrotermes carbonarius,*** defensive behaviour in 909
- ***Macrotermes mossambicus*** (see also *Hodotermes mossambicus*)
  - control of
    - baits for 275, 776
    - insecticides for 146, 275, 534, 2010
    - non-target effects of 2010
  - enzymes in 2273
  - in South Africa 72, 146, 275, 534, 776, 2010
  - in veld, damage caused by 534
  - nests of, oxygen supply in 72
- ***Macrotermes subhyalinus***
  - in Tanzania 3141
  - mounds of 3141
- ***Macrotoma scutellaris,*** in USSR 2854
- **Macrotomini,** in Malagasy region 1668
- ***maculata, Ceratomegilla,*** (*Coleomegilla*)
- ***maculata, Protaetia*** (see *P. aurichalcea*)
- ***maculata, Therioaphis*** (see *T. trifolii*)
- ***maculator, Itoplectis***
- ***maculatum, Piesma***
- ***maculatus, Callosobruchus***
- ***maculatus, Dermestes***
- ***maculatus, Rhopalus***
- ***Maculella chiliensis*** (see *Dalaca*)
- ***maculicollis, Hyperodes***
- ***maculicornis, Leptura***
- ***maculicornis, Phyllobius***
- ***maculifrons, Zygina,*** (*Typhlocyba*)
- ***maculipennis, Plutella*** (see *P. xylostella*)
- ***maculiventris, Podisus***
- ***maculosus, Myllocerus undecimpustulatus***
- ***madagascariensis, Junonia orithya***
- ***madecassus, Stethorus***
- **Madeira Islands,** aphids in 452
- ***madens, Tribolium***
- ***madiunensis, Aulacaspis***
- ***Madremyia saundersii***
  - in USA 4714
  - parasitising, *Choristoneura occidentalis,* in Colorado 4714
- ***Madurasia obscurella,*** on pulses, in India (?) 609
- ***maestingella, Phyllonorycter***
- ***maghrebica, Cinara***
- ***Magicicada cassinii***
  - emergence in, in Indiana 1361
  - in USA 1361
- ***Magicicada septendecim***
  - emergence in, in Indiana 1361
  - in USA 1361

Magicicada septendecula
  emergence in, in Indiana 1361
  in USA 1361
Magnesite, in insecticidal dusts 2935
Magnesium
  diet component for, *Pieris brassicae*, not affecting granulosis infection 3894
  in insects 17
  in okra, effects on insect pests of 3220
  ion (Mg^{2+})
    in *Heliothis zea* haemolymph 4090
    in *Schistocerca gregaria*, effects on neuromuscular system of 2235
magnetella, Gelechia
magnicornis, Tachina
mahalebellus, Yponomeuta, (*Hyponomeuta*)
Mahanarva posticata
  BHC resistance in, in Brazil 2286
  Entomophthora spp. in, in Brazil 1029
  in Brazil 1029, 2286
  on sugar-cane, in Brazil 1029, 2286
Mahasena corbetti
  control of, insecticides for 5112
  in Malaysia 5112
  on *Elaeis guineënsis*, in Sabah 5112
Mahogany, African (see *Khaya*)
Mahonia aquifolium, Coleoptera on, in Romania 663
Mahua (see *Bassia latifolia*)
maida, *Tribolium castaneum* in, development of 1552
maidiracis, Brachycaudus, (*Aphis*)
maidis, Dalbulus
maidis, Peregrinus
maidis, Rhopalosiphum, (*Aphis*)
maindroni, Hyperaspis
maindroni, Specularius
Maine
  Aphis nasturtii in, on potato 3319
  Delphinia picta in, on rotting vegetation 2591
  Macrosiphum euphorbiae in, on potato 3319
  Myzus persicae in, on potato 3319
Maize (*Zea mays*)
  Aceria tulipae on, in Ohio 501
  Acyrthosiphon dirhodum on, in West Germany 124
  Agistemus exsertus on, in Egypt 540
  Agriotes brevis on, in Italy 3621
  A. sordidus on, in Italy 3621
  Agrotis ipsilon on
    development of 4095
    in Egypt 1385
    in Illinois 2673
  A. segetum on
    in Kazakhstan 4744
    in Tadzhikistan 5088
  aldrin in, metabolism of 1229
  Amsacta moorei on 2111
  aphids on, in Mississippi 89
Maize *contd.*
  arthropods associated with, in Japan 4139
  Astylus atromaculatus on, in Argentina 2741
  Chilo agamemnon on, in Egypt 1071
  C. luteellus on, in Egypt 4063
  C. orichalcociliellus on, in Kenya 3687
  C. partellus on
    in Kenya 3687
    in Mozambique 491
    in Punjab 132
    resistance to 4252
  Chiloloba acuta on, in Rajasthan 2224
  Cicadulina mbila on, in Rhodesia 4254
  C. parazeae on, in Rhodesia 4254
  C. storeyi on, in Rhodesia 4254
  Clivina fossor on, in France 1042
  C. impressifrons on, in Illinois 1042
  Cryptoblabes gnidiella on, in Egypt 460
  Diabrotica longicornis on, in Indiana 1415
  D. virgifera on
    in Indiana 1415
    in Nebraska 4011
  Diatraea spp. on
    in Mexico 2711
    resistance to 2711
  D. grandiosella on, in USA 2724
  diazinon in, effects of 131
  Diptera on, in Romania 2282
  disulfoton in, effects of 131
  Earias insulana on, in Egypt 3680
  Euxoa detersa on, in Illinois 3691
  Graminella nigrifrons on, in South Carolina 4746
  Heliothis armigera on
    in Rajasthan 4253
    in Tadzhikistan 4611
    in USSR 5018
  H. stombleri on, in Mexico 4352
  H. virescens on
    in Georgia (USA) 4823
    in Mexico 4352
  H. zea on
    artificial infestation with 3689
    damage caused by 5090
    in El Salvador 4502
    in Florida 1411
    in Georgia (USA) 2725, 4823, 5090
    in Mexico 4352
    resistance to 513, 2291
  Heterorrhina mutabilis on, in Rajasthan 2224
  Hylemya platura on, in New York 322
  Hyperodes humilis on, in Florida 1041
  juvenile hormone analogues in, toxicity c 3681
  Lachnosterna consanguinea on 4189
    in Uttar Pradesh 1114
  Lepidopterous stem-borers on, in West Africa 2703

- **laize** *contd.*
  - *Macrosiphum avenae* on, in West Germany 124
  - *Macrosteles fascifrons* on, in South Carolina 4746
  - *Myllocerus undecimpustulatus* on, in India 1918
  - *Mythimna loreyi* on, in Egypt 2705
  - *Oligonychus pratensis* on, in Texas 1865
  - *O. stickneyi* on, in Texas 1865
  - *Orgyia mixta* on, in Angola 2147
  - *Oscinella frit* on
    - in UK 1601
    - in West Germany 2723, 5089
  - *Ostrinia nubilalis* on
    - in Egypt 1071
    - in Iowa 3681
    - in Italy 4987
    - in Minnesota 5072
    - in Ontario 1835
    - in Quebec 1414
    - in Romania 3936
    - in Spain 3685–3686, 4745
    - in USSR 2015
    - resistance to 264, 3936, 4252
      - genetics of 2292
  - *Oxycetonia versicolor* on, in Rajasthan 2224
  - pest control on
    - foams for 3692
    - in USA 4927
  - pests of
    - effects of fertilizer use on 1600
    - in Florida 4707
  - phorate in, residues of 2054
  - *Protaetia alboguttata* on, in Rajasthan 2224
  - *P. aurichalcea* on, in Rajasthan 2224
  - *Psalis pennatula* on, in Rajasthan 512
  - *Pyroderces simplex* on, in Egypt 129
  - *Pyrrhalta placida* on, in Nigeria 3693
  - *Rhopalosiphum maidis* on
    - in Minnesota 5072
    - in Ontario 128
    - resistance to 264
  - *R. padi* on
    - in New Zealand 4560
    - in West Germany 124
  - *Scutigerella immaculata* on, in France 4007
  - *Sesamia calamistis* on
    - in Kenya 3687
    - in Mozambique 491
  - *S. cretica* on, in Egypt 1071
  - *S. nonagrioides* on, in Spain 3685–3686, 4745
  - *Sitophilus zeamais* in, varietal preferences of 3847
  - *S. zeamais* on, in Zambia 1347
  - *Spodoptera compta* on 5095
  - *S. frugiperda* on
    - effects of fertilisers on 3674
- **Maize** *contd.*
  - *Spodoptera frugiperda* on *contd.*
    - in Florida 88, 1411
    - in Venezuela 5092
    - resistance to 2291
  - *S. littoralis* on, in Egypt 1372
  - *Tanymecus dilaticollis* on
    - damage caused by 4747
    - in Romania 130, 2293, 3931
    - in Ukraine 1410
  - *Tetranychus cinnabarinus* on, in Texas 1865
  - *T. urticae* on, in Texas 1865
- **Maize chlorotic dwarf virus**
  - in
    - *Dalbulus elimatus,* not transmitted 3160
    - *D. maidis,* not transmitted 3160
    - *Deltocephalus sonorus,* transmission of 3160
    - *Graminella nigrifrons,* transmission of 3160
    - *Macrosteles fascifrons,* not transmitted 3160
- **Maize-cob grits,** bait component for, *Solenopsis* spp. 989
- **Maize cobs,** aldicarb formulations in 4822
- **Maize fields**
  - Chrysopidae in, bait sprays for 5072
  - Coccinellidae in, dispersal of 4706
  - malathion in, non-target effects of 4011
- **Maize fine-stippling virus** (*see* Maize rayado fino virus)
- **Maize flour**
  - diet component for
    - *Cryptophlebia leucotreta* 4814
    - *Heliothis armigera* 4655
  - *Plodia interpunctella* in, development of 3298
- **Maize germ,** *Plodia interpunctella* in, development of 3298
- **Maize hydrolysate,** bait-spray component for, *Rhagoletis indifferens* 4654
- **Maize kernel red streak virus,** in, *Aceria tulipae,* transmission of 501
- **Maize ladybird** (see *Epilachna similis*)
- **Maize meal,** *Plodia interpunctella* in, development of 3298
- **Maize oil,** diet component for, *Hypera postica* 4661
- **Maize-protein hydrolysate,** bait-spray component for, *Rhagoletis indifferens* 4654
- **Maize rayado fino virus,** in, *Dalbulus maidis,* transmission of 511
- **Maize rough dwarf virus**
  - in
    - *Laodelphax striatella*
      - development of 3871
      - transmission of 2892, 4418
  - rice black-streaked dwarf virus, relation of, and 2892

Maize-stalk powder, diet component for, *Sesamia nonagrioides* 3556
Maize stalks, insecticides in, residues of 4976
Maize steep liquor, bait-spray component for, *Rhagoletis indifferens* 4654
Maize (stored grain)
  bromomethane in, toxicity of 2416
  Cathartus quadricollis in, in Ghana 3853
  malathion in, residues of 1981
  Mussidia nigrivenella in, in Ghana 3853
  pest control in
    in Kenya 4863
    inert atmospheres for 1979
    γ-irradiation for 1554
  pesticides in, effects of 2417–2418
  pests of, in Malawi 3846
  Plodia interpunctella in
    development of 3298
    in Turkey 4487
  Sitophilus spp. in, in Turkey 4487
  S. zeamais in
    in Ghana 3853
    in Yugoslavia 3684
  Sitotroga cerealella in
    in Turkey 4487
    resistance to 2413
    varietal preferences of 2414
  storage of, in Ghana 3853
Maize streak disease, *Cicadulina* spp., role of, in 4254
Maize stunt disease
  causal agent
    descriptions of 514
    in
      Dalbulus elimatus, transmission of 514
      D. maidis, transmission of 1562
      Graminella nigrifrons, transmission of 1562
majalis, Amphimallon
major, Chionaspis eugeniae (see *Pseudaulacaspis brimblecombei*)
major, Penthaleus
malaccensis, Cheyletus
Malacocoris chlorizans
  in France 2657
  pesticides in, toxicity of 3578
  preying on, *Zetzellia mali,* in France 2657
Malacosoma americanum
  coldhardiness in 4125
  diapause in 4125
Malacosoma californicum lutescens, control of, insecticides for 804
Malacosoma californicum pluviale
  juvenile hormone analogues in, effects of 1304
  Nosema fumiferanae in 3284
Malacosoma dentata, taxonomy of, raised from subsp. of *M. neustria* 3440
Malacosoma disstria
  cytoplasmic polyhedrosis virus in 2904–2905
    in *Aedes* cell line 2007
    properties of 2901
  egg-hatch in, effects of temperature on 3529
  haemocytes in 2998
  in Canada 1328, 2386
  in USA 3529, 4880
  Lambdina fiscellaria nuclear polyhedrosis virus in, infectivity of 3877
  nuclear polyhedrosis virus in, effects of sunlight on 4880
  on *Liquidambar styraciflua,* in Mississipp 4880
  on *Nyssa multiflora,* in Mississippi 488
  on *Nyssa uniflora,* in Mississippi 4880
  outbreaks of, relation of heat units and 1328
Malacosoma incurvum discoloratum
  in USA 1549
  on *Populus fremontii,* in Utah 1549
Malacosoma indica, taxonomy of, character distinguishing *M. insignis* and 3440
Malacosoma insignis
  sp. n., description of 3440
  in China 3440
Malacosoma neustria
  carbaryl in, effects of 4104
  enzymes in, effects of insecticides on 34
  fungi in, in Lithuania 3948
  in USSR 3945, 3948
  marking of, radiophosphorus for 3564
  parasitised by
    Pimpla turionellae, in Lithuania 394
    Telenomus laeviusculus, in Lithuania 3945
  phosalone in, effects of 4104
  phosmet in, effects of 4104
  taxonomy of, characters distinguishing *M. insignis* and 3440
Malacosoma neustria dentata, taxonomy of, raised to specific rank 3440
Malacosoma neustria nigrapici
  form n., description of 3440
  in China 3440
Malacosoma neustria testacea, cytoplasmic polyhedrosis virus in, infectivity of 738
Malacosoma pluviale (see *M. californicum pluviale*)
Malacosoma rectifascia
  sp. n., description of 3440
  in China 3440
Malacosoma robertsi
  sp. n., description of 3440
  in Jammu and Kashmir 3440
Maladera
  control of, insecticides for 4504
  in India 4504
Maladera castanea
  biology of 1438

Maladera castanea *contd.*
  control of 1438
  in USA 1438
Maladera orientalis
  in Japan 1175
  seasonal abundance of 1175
Malagasy region, Macrotomini in 1668
Malagasy Republic
  Europtera punctillata in, on *Pinus* 3439
  Locusta migratoria in 4681
  locusts in 4209
  Mutillidae in 302
  Odites fotsyella in, on *Pinus* 3439
  Pardalaspis cyanescens in 4664
  Perkinsiella saccharicida in 3902
  Scarabaeoidea in, natural enemies of 240
  Tetranychus neocaledonicus in 4116
    natural enemies of 2159
  Yanga guttulata in, on sugar-cane 1401
Malameba locustae
  control of 93
  in, *Locusta migratoria* 93
Malaoxon (diethyl [(dimethoxyphosphinyl)thio]butanedioate)
  in *Panonychus citri,* anticholinesterase activity of 3401
Malathion (diethyl [(dimethoxyphosphinothioyl)thio]butanedioate)
  against
    Acarus siro 1606
    Aleurocanthus woglumi 3754
    Amrasca devastans 3930
    Anastrepha ludens 183
    Anthonomus grandis 650, 2368
    Aonidiella aurantii 182, 760
    Aphis craccivora 3763–3764
    Argyresthia conjugella 561
    Astylus atromaculatus 2741
    Athalia lugens 774
    Aulacophora atripennis 2055
    A. foveicollis 2055, 3149
    Bemisia tabaci 1131
    Blissus leucopterus 143
    Brevipalpus californicus 1107, 3214
    Caliothrips indicus 1917
    Callosobruchus analis 4402
    Carpomyia vesuviana 4316
    Ceratitis capitata 1100, 1625
    Chrysomphalus aonidum 583
    Cnaphalocrocis medinalis 3169
    Coleotechnites spp. 692
    Colotois pennaria 4847
    Dacus cucurbitae 1625
    D. dorsalis 1625
    Diabrotica virgifera 4011
    Drosophila melanogaster 3996
    Earias insulana 1138
    Empoasca spp. 1131
    Ephestia cautella 4493
    Euphyllura olivina 4477
    Euproctis lunata 636
    Eutetranychus orientalis 583, 1107

Malathion *contd.*
  against *contd.*
    Glycyphagus destructor 1606
    grasshoppers 982
    Heliothis armigera 630, 2354
    H. zea 1411
    Henosepilachna vigintioctopunctata 1228, 3780
    Hyadaphis erysimi 2349, 3770
    Hydrellia griseola 2731
    Hypera postica 1197, 1880, 4526
    Lepidosaphes beckii 583, 1107
    L. ulmi 4462
    Leucinodes orbonalis 4349
    Malacosoma californicum 804
    Megastigmus spermotrophus 2397
    Melanoplus bivittatus 1431
    M. differentialis 1431
    M. femurrubrum 1431
    Meligethes aeneus 4321
    Myllocerus undecimpustulatus 3930
    Myzus persicae 1131
    Neodiprion sertifer 4846
    Nephotettix cincticeps 1200
    Nysius spp. 508
    Oebalus poecilus 2298
    Oligonychus indicus 4527
    Omphisa anastomosalis 4802
    Orosius albicinctus 637
    Panonychus citri 3401
    Papilio demoleus 1472
    Parasaissetia nigra 1107
    Parlatoria blanchardii 5113
    Pectinophora gossypiella 1138
    pests of cotton 3789, 4358
    pests of stored grain 726, 1983–1984, 2883, 5209
    pests of tea 1951
    Phenacaspis cockerelli 2590
    Phthorimaea operculella 1131, 2819
    Plodia interpunctella 4493
    Plutella xylostella 2807
    Prays citri 3753
    Psylla vasilievi 3074
    Pyrilla perpusilla 1034
    Recurvaria nanella 3723
    Rhopalosiphum insertum 3200
    R. maidis 1873
    Rhyzopertha dominica 2481
    Saissetia oleae 3756
    Schizaphis graminum 1873
    Sitona humeralis 4948
    Sitophilus granarius 4491
    S. oryzae 2481, 3855
    Spodoptera frugiperda 1411
    S. litura 2935
    Teleogryllus commodus 2750
    Tenebroides mauritanicus 2481, 4592
    Tetranychus urticae 771, 784, 1206
    Therioaphis trifolii 3709
    Thrips tabaci 1131
    Trialeurodes vaporariorum 4954

Malathion *contd.*
- against *contd.*
  - *Tribolium castaneum* 1633, 2481
  - *T. confusum* 1577, 4491
  - *Trogoderma granarium* 2886
  - *Tyrophagus putrescentiae* 1606
- formulations of 2935, 3692
- in *Agrotis segetum,* effects of 277
- in *Amblyseius aberrans,* toxicity of 2946
- in *Aphidius,* toxicity of 1243
- in *Aphytis melinus,* toxicity of 761
- in *Attagenus megatoma,* effects of 4952
- in cherry, residues of 3740
- in *Chrysopa carnea,* toxicity of 1243
- in *Coccinella septempunctata,* toxicity of 1243
- in *Comperiella bifasciata,* toxicity of 761
- in *Coturnix coturnix,* effects of 4961
- in *Drosophila melanogaster,* effects of 3997
- in *Encarsia formosa,* toxicity of 1243
- in forests, effects on birds of 3407
- in *Gryllodes sigillatus,* toxicity of 4006
- in *Hadena sordida,* effects of 277
- in honey bees, toxicity of 3410
- in *Lindorus lophanthae,* toxicity of 761
- in lucerne fields, non-target effects of 4011
- in *Lymantria dispar,* effects of 277
- in maize fields, non-target effects of 4011
- in *Mamestra brassicae,* effects of 277
- in oranges, effects of 1223
- in pea, systemic activity of 612
- in *Perilloides bioculatus,* toxicity of 1243
- in *Phytoseiulus persimilis*
  - effects of 2268
  - toxicity of 1243
- in plant material, bioassay for 4174
- in plants
  - effects of herbicides on metabolism of 1219
  - effects on herbicide metabolism of 1218
- in *Poekilocerus pictus,* effects of 4951
- in rats, effects of impurities on toxicity of 2067
- in soil, residues of 4976
- in spiders, toxicity of 5114
- in *Stethorus nigripes,* toxicity of 4532
- in stored maize
  - effects of 2417–2418
  - residues of 1981
- in stored oats, residues of 1634
- in stored wheat
  - effects of 2417–2418
  - odour of 2475
  - residues of 1981
- resistance to, in
  - *Ephestia cautella,* in USA 2875
  - *Laodelphax striatella* 3484–3485
  - *Myzus persicae* 2459
    - in Czechoslovakia 5239

Malathion *contd.*
- resistance to, in *contd.*
  - *Nephotettix cincticeps* 3483
  - *Oryzaephilus mercator* 3391
  - *Plodia interpunctella,* in USA 2875
  - *Trialeurodes vaporariorum,* in England 4954
  - *Tribolium castaneum*
    - in Alabama 5207
    - in Georgia (USA) 5207
- synergists for 3401
- with γ-BHC, against, *Megastigmus spermotrophus* 2397
- with carbaryl, in *Laodelphax striatella,* insecticide resistance induced by 348
- with cue-lure, against, *Dacus tryoni* 245
- with DDT
  - against
    - *Earias insulana* 1138, 2830
    - *Pectinophora gossypiella* 1138, 283
- with dimethoate, and tetradifon, against, *Planococcus citri* 3211
- with fenitrothion
  - against
    - *Cavelerius saccharivorus* 757
    - *Hydrellia philippina* 524
    - *Tryporyza incertulas* 524
- with maneb, and zineb, against, *Sitophilu granarius* 4492
- with mercurial seed dressings, against, *Sitophilus granarius* 4492
- with methoxy-DDT, against, *Hypera postica* 1880, 4526
- with 3-methylphenyl methylcarbamate, in *Laodelphax striatella,* insecticide resistance induced by 3485
- with oil emulsion
  - against
    - *Asterolecanium pustulans* 215
    - *Brevipalpus californicus* 1107
    - *Chloropulvinaria floccifera* 657
    - *Eutetranychus orientalis* 1107
    - *Lepidosaphes beckii* 1107
    - *L. malicola* 4292
    - *Parasaissetia nigra* 1107
- with phorate 4535
- with protein bait
  - against
    - *Anastrepha fraterculus* 5107
    - *Ceratitis capitata* 4989, 5107
    - *Dacus oleae* 4989, 5134
    - *D. tryoni* 2456
    - *Rhagoletis cerasi* 3740
    - *R. fausta* 2332
    - *Toxotrypana curvicauda* 5137
  - not attractive to parasites 4989
- with sugars, against, aphids 612

Malawi
- *Diparopsis castanea* in 2543
- stored maize in, pests of 3846

Malaya disease, in *Oryctes rhinoceros,* symptoms of 832

- **Malaysia**
  - *Cylas formicarius* in, on sweet potato 4802
  - *Darna trima* in, on oil palm 5112
  - *Dundubia rufivena* in, on cacao 3809
  - entomogenous fungi in 4420
  - *Mahasena corbetti* in, on oil palm 5112
  - *Metisa plana* in, on oil palm 5112
  - *Nephotettix virescens* in, on rice 3163, 3166, 4271
  - *Nezara viridula* in, on rice 4750
  - *Omphisa anastomosalis* in, on sweet potato 4802
  - orchids in, pests of 4828
  - plantation crops in, pest control on 4610
  - *Plutella xylostella* in, on cabbage 1910
  - *Psilopholis vestita* in, on *Elaeis guineënsis* 544
  - stored rice in, pests of 2420
  - Tephritidae in 2962
  - *Toxoptera citricida* in 3209
  - tristeza virus in 3209
- **Maldison** (*see* Malathion)
- ***malefida, Agrotis***
- ***malella, Stigmella,*** (*Nepticula*)
- **Mali**
  - cotton virescence in 1938
  - *Cryptophlebia leucotreta* in, on cotton 4154
  - *Locusta migratoria* in 4681
- ***mali, Aphelinus***
- ***mali, Atractotomus***
- ***mali, Psylla***
- ***mali, Zetzellia***
- ***Maliarpha separatella,*** on rice, in West Africa 2703
- ***malicola, Lepidosaphes***
- ***malinellus, Hyponomeuta*** (see *Yponomeuta padellus malinellus*)
- ***malinellus, Yponomeuta padellus***
- ***malinus, Pseudaphycus***
- ***malloi, Vogtia***
- **Mallow,** *Cynthia cardui* on, development of 4190
- **Mallow, hemp** (*see* Kenaf)
- **Mallow, Jew's** (*see* Jute)
- **Mallow, musk** (see *Hibiscus abelmoschus*)
- **Malt, fermented,** attractant for, *Drosophila* spp. 4030
- **Malta**
  - Aculeata in 4149
  - *Cerambyx dux* in
    - on apple 4616
    - on pear 4616
- **Maltase** (*see* Glucosidase, α-)
- **Maltings,** arthropods in, in UK 4858
- **Maltose** (*see* D-Glucose, 4-*O*-α-D-glucopyranosyl-)
- ***Malus,*** *Euproctis chrysorrhoea* on, in France 565
- ***malus, Hemisarcoptes***
- **Malvaceae,** *Gelechia magnetella* on, in Azerbaijan 3805
- ***Mamestra,*** taxonomy of 4044
- ***Mamestra brassicae***
  - biology of 364, 417
  - *Borrelinavirus* spp. in, in USSR 1183
  - control of
    - *Bacillus thuringiensis* for 193
    - insecticides for 193, 195, 3768, 5139
    - threshold for 4930
  - diapause in 1294, 4124
  - emergence in 1789
  - enzymes in 5223
    - effects of insecticides on 346
    - effects of pathogens on 4081
  - haemolymph in, effects of insecticides on 277
  - heart beat frequency in 31
  - in Czechoslovakia 3131
  - in Netherlands 195
  - in Romania 193, 3768
  - in UK 3221
  - in USSR 364, 2702, 4930, 5139
  - in Yugoslavia 417
  - *Nosema heterosporum* in, pathogenicity of 3326
  - *N. plodiae* in
    - effects of 4081, 5223
    - pathogenicity of 3326
  - on brussels sprouts, in Netherlands 195
  - on cabbage
    - in Romania 3768
    - in USSR 5139
  - on *Papaver somniferum,* in Kirghizia 2702
  - on sugar-beet, in USSR 4930
  - parasitised by
    - *Apanteles glomeratus,* defence mechanisms against 1318
    - *Exetastes cinctipes,* in Czechoslovakia 3131
  - photoperiodic responses in 4124
  - prothoracic gland in 326
  - rearing of, techniques for 2603
  - turnip yellow mosaic virus in, transmission of 3867
- ***Mamestra curialis***
  - in Canada 4393
  - on *Picea glauca,* in Ontario 4393
- ***Mamestra oleracea*** (see *Lacanobia*)
- ***Mamestra trifolii*** (see *Discestra*)
- **Mammals,** pesticide absorption through eyes and skin in 5259
- **Man**
  - γ-BHC in, residues of, in New Zealand 2934
  - chlorfenvinphos in, effects of 4479
  - DDT in, residues of, in New Zealand 2934
  - dieldrin in, residues of, in New Zealand 2934
  - insecticides in, residues of, in Japan 2073

- **Man** *contd.*
  - Megalopygidae on, urticaria caused by 4035
  - organic phosphates in, effects of 2952
  - pesticides in, residues of, in Idaho 1645
  - pyrethrins in, effects of 2071
- **Mandarin and tangerine** (*Citrus reticulata*)
  - *Aonidiella aurantii* on
    - in Egypt 3752
    - varietal preferences of 584
  - *Aphis gossypii* on, in Spain 4308
  - *A. spiraecola* on, in Italy 582
  - *Ceroplastes rusci* on, in Sicily 581
  - *Chalioides kondonis* on, in Japan 1097
  - *Citrus* greening disease in, in Thailand 4309
  - *Empoasca niuensis* on, in Niue Island 4552
  - *Phyllocoptruta oleivora* on, in Egypt 2782
  - *Pseudococcus fragilis* on, in Italy 580
- **Mandarin-leaf powder**, diet component for, *Papilio protenor* 3059
- **Mandioca** (*see* Cassava)
- ***Manduca sexta***
  - cecropia hormones in, assay for 1653
  - cuticular melanisation in, juvenile hormone bioassay using 1303
  - development in
    - effects of azasteroids on 1604
    - prolonging stages in 2605
  - ecdysis in 2563
  - ecdysones in 4102
  - enzymes in 2118
  - eyes in, spectrophotometry of 917
  - feeding behaviour in 3516
  - haemolymph in 3480
  - hyperparasites of, in North Carolina 5059
  - in USA 3655, 4656, 5059
  - juvenile hormone esterase in 2538
  - juvenile hormone of 2873
  - larval moulting cycle in 1714
  - learning in 2530
  - nerve impulse conduction in 888
  - on *Datura stramonium,* in Kentucky 3655
  - on potato, in Kentucky 3655
  - on tobacco
    - in Kentucky 3655
    - in North Carolina 5059
  - on tomato, in Kentucky 3655
  - oviposition in 60
  - parasitised by
    - *Apanteles congregatus,* in North Carolina 5059
    - *Telenomus sphingis,* in Kentucky 3655
    - *Trichogramma minutum,* in Kentucky 3655
  - preyed on by, *Jalysus spinosus,* in Kentucky 3655
  - proteins in 2997, 3480
- ***Manduca sexta*** *contd.*
  - scent brushes in 2520
  - spermatophores in, vital stains for 75
  - starvation of, effects of 2168–2169
  - thoracic muscle in 1299
  - traps for 4656
- **Maneb** ([[1,2-ethanediylbis[carbamodithioato]](2–)]manganese)
  - against, *Aceria sheldoni* 3744
  - in *Citrus,* effects on mites of 3744
  - in entomopathogenic fungi, effects of 4969
  - with fentin acetate
    - antifeedant for
      - *Cydia pomonella* 172
      - *Spodoptera littoralis* 2833–2834
  - with malathion, and zineb, against, *Sitophilus granarius* 4492
  - with zineb
    - against
      - *Brevipalpus phoenicis* 2781
      - *Lorryia turrialbensis* 2781
      - *Sitophilus granarius* 4492
- ***Manga basilinea,*** on *Pennisetum typhoides,* in West Africa 2703
- **Manganese**, in *Acyrthosiphon pisum,* dietary requirement for 1298
- **Manganese chloride ($MnCl_2$)**, diet component for, *Acyrthosiphon pisum* 1298
- **Manganese, [[1,2-ethanediylbis[carbamodithioato]](2–)]-** (*see* Maneb)
- ***Mangifera indica*** (see Mango)
- ***mangiferae, Aceria,*** (*Eriophyes*)
- ***mangiferae, Oxypleurites***
- ***mangiferae, Sternochetus***
- ***mangiferae, Vasates***
- ***mangiferus, Oligonychus***
- **Mango** (*Mangifera indica*)
  - *Aceria mangiferae* on
    - in Egypt 2342, 2789
    - in India 4783
  - *Anastrepha mombinpraeoptans* on, in Jamaica 3758
  - *Ceroplastes floridensis* on, in Pakistan 3123
  - *Dacus zonatus* on, in Pakistan 3180
  - *Icerya aegyptiaca* on, in Pakistan 3123
  - *Insulaspis tapleyi* on, in Egypt 4319
  - *Kilifia acuminata* on 1108
    - in Egypt 593, 1477
  - *Mycetaspis personata* on
    - in Egypt 3759
    - varietal preferences of 2790
  - *Oligonychus mangiferus* on, in Egypt 2342, 2789, 3018
  - *Ormenis* spp. on, in Mexico 2759
  - *Oxypleurites mangiferae* on, in Egypt 1337
  - *Rastrococcus iceryoides* on, in Madhya Pradesh 191

ngo *contd.*
  Vasates mangiferae on, in Egypt 2342, 2789
ngrove, red (see *Rhizophora mangle*)
nicatus, Chirothrips
nihot esculenta (see Cassava)
nii, Leucopis
nitoba
  Acyrthosiphon assiniboinensis in 315
  Choristoneura pinus in
    on *Picea* 3273
    on *Pinus* 1636, 3273
  Masonaphis pinawae in 315
  Phyllotreta cruciferae in 2347
  Pristiphora erichsonii in, natural enemies of 459
  Semiothisa spp. in, on *Larix* 3278
  Toumeyella numismatica in
    natural enemies of 3649
    on *Pinus* 3649
Mannitol, in *Anthonomus grandis,* metabolite of D-mannose 4082
Mannitol, 1-deoxy-, in *Anthonomus grandis,* metabolite of L-rhamnose 4082
mannose, in *Anthonomus grandis,* metabolised to mannitol 4082
mannose, 6-deoxy-, in *Anthonomus grandis,* metabolised to 1-deoxymannitol 4082
nteo, Heterocampa
ple (see *Acer*)
ple mosaic virus, in, *Trialeurodes vaporariorum,* in Hungary 3305
ple, red (see *Acer rubrum*)
ple, silver (see *Acer saccharinum*)
ple, sugar (see *Acer saccharum*)
rava arachidis, in Cook Islands 4561
rgarotana, Gravitarmata
rginalis, Orthotylus
rginata, Cryptoweisea, (*Microweisea*)
rginata, Nidicola
rginatorius, Exenterus (see *E. amictorius*)
rginatum, Acrosternum
rginatus, Coreus
rginipennis, Anomala
rginiventris, Apanteles
rguerite (see *Chrysanthemum leucanthemum*)
rietta, parasitising, *Pseudaulacaspis pentagona,* in Virginia 2333
rietta picta
  hyperparasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  in Czechoslovakia 3741
rigold (*Calendula officinalis*)
  Spodoptera exigua on, in Pakistan 3620
  Tetranychus urticae on, in Florida 4000
rigold, African (see *Tagetes erecta*)
ritimus, Pseudococcus
rmara
  control of, insecticides for 579
  on cacao, in Nigeria 5171
Marmara *contd.*
  on *Citrus*
    in Arizona 579
    in California 579
Marmara basidendroca
  sp. n., description of 1161
  in USA 1161
  on *Fraxinus pennsylvanica,* in New York 1161
Marmara corticola
  sp. n., description of 1161
  in USA 1161
  on *Fraxinus pennsylvanica,* in New York 1161
Marmara fraxinicola
  in USA 1161
  on *Fraxinus americana,* in New York 1161
  on *Fraxinus pennsylvanica,* in New York 1161
marmoratus, Archytas
maroccanus, Dociostaurus
Marrow, zucchini, pests of, in Queensland 2809
marshalli, Paragus
martellii, Eurytoma
martini, Lasioseius
Maruca testulalis
  control of, insecticides for 2353
  in Philippines 2353
  on groundnut, damage caused by 5151
  on *Phaseolus vulgaris,* in Philippines 2353
Maryland
  Aphis fabae in, on chrysanthemum 2377
  Dioryctria taedae in, on *Pinus* 4061
  Hypera postica in, on lucerne 3176
  Liriomyza sativae in, on *Phaseolus lunatus* 3772
  Melanaspis obscura in, on *Quercus* 714
  Myzus persicae in, on chrysanthemum 2377
mashhoodi, Eretmocerus
Mashhoodiella echthromorpha
  gen. et sp. n., description of 851
  in India 851
  parasitising, *Ceroplastes* spp., in Aligarh 851
mashonana, Phyllotreta
Masicera zimini
  in USSR 1151
  parasitising, *Dendrolimus superans,* in USSR 1151
masii, Eretmocerus
Masonaphis lambersi
  biology of 2379
  in Netherlands 2379
  on rhododendron, in Netherlands 2379
Masonaphis pinawae
  sp. n., description of 315
  in Canada 315

***Masonaphis pinawae* contd.**
  on *Ledum groenlandicum,* in Manitoba 315
Massachusetts
  Dioryctria reniculelloides in 2511
  Lymantria dispar in, natural enemies of 2672
masseei, Typhlodromus
Mastrus hydrophilus
  in USA (Alaska) 2259
  parasitising, *Neodiprion tsugae,* in Alaska 2259
Mastrus laplantei
  in USA (Alaska) 2259, 4721
  parasitising
    Acleris gloverana, in Alaska 2259
    Lambdina fiscellaria, in Alaska 4721
Matacil (*see* Aminocarb)
mathias, Pelopidas, (*Parnara*)
mathura, Lymantria
matricariae, Aphidius
Matsucoccus feytaudi
  biology of 3356
  in France 676, 3355–3357
  in Morocco 3356
  in Portugal 3356
  in Spain 3356
  on *Pinus pinaster*
    damage caused by 676, 3355
    in France 676, 3355, 3357, 3556
    in Morocco 3556
    in Portugal 3556
    in Spain 3556
  preyed on by, *Elatophilus nigricornis,* in France 3356
Matsucoccus pini
  in Poland 689
  on *Pinus sylvestris,* in Poland 689
Mattesia trogodermae
  in
    Trogoderma glabrum
      development of 4890
      pathogenicity of 4890
maura, Eurygaster
maura, Villa, (*Hemipenthes*)
mauritanicus, Tenebroides
Mauritius
  Aulacaspis tegalensis in, on sugar-cane 1402
  Erionota thrax in, on banana 4318
  Pardalaspis cyanescens in 4664
  Polydesma umbricola in 5187
  tea in
    diseases of 214
    pests of 214
maxillosus, Gnathocerus
maximus, Thysanus, (*Signiphora*)
maxwelli, Erythroneura
maxwelli, Oxypleurites
maydis, Rungsia
Mayetiola destructor
  in Romania 2282
***Mayetiola destructor* contd.**
  in UK 503
  in USSR 108
  on wheat, in UK 503
  parasitised by, *Ceraphron vagans,* in USSR 108
  racial interactions in 257
  race B of, purification of 1740
  race C of, purification of 1740
mayri, Telenomus
mbila, Cicadulina
MBR-5667 (*see* 1,3-Dithiolane-2-carboxaldehyde, 2-methyl-, *O*-[(methylamino)carbonyl]oxime) 278
MC-2188 (*see* Chlormephos)
mcdanieli, Tetranychus
MCH (*see* 2-Cyclohexen-1-one, 3-methyl-)
Mealybugs, control of 2851
Meat
  Anisolabis annulipes on, development of 33513
  diet component for, *Labidura riparia* 5061
  organic phosphates in, residues of 806
Meat, dried
  Dermestes maculatus in
    development of 5203
    oviposition by 5204
Mecar (*see* Mecarbam)
Mecarbam (ethyl [[(diethoxyphosphinothio l)thio]acetyl]methylcarbamate)
  against
    Psila rosae 3608
    Rhizoecus cacticans 1147
    Sahlbergella singularis 1224
    Tarsonemus pallidus 1073
Mecarphon (*see* Carbamic acid, [[(methoxymethylphosphinothioyl)thio]acetyl]methyl-, methyl ester)
Mecas saturnina, on *Xanthium strumariu* and biological control using, in Australi 4242
medanensis, Suidasia
Medetera signaticornis
  in Czechoslovakia 703
  preying on, *Ips typographus,* in Czechoslovakia 703
Medic, burr (see *Medicago polymorpha*)
medicaginis, Aphis
medicaginis, Contarinia
medicaginis, Jaapiella
Medicago, pea enation virus in, infectivity 4330
Medicago polymorpha
  Aphis craccivora on, in Australia 3532
  subterranean clover stunt virus in, in Australia 3532
Medicago sativa (see Lucerne)
Medicinal herbs (dried), mites in, in Polan 727

edicinal plants, Homoptera on, in Bulgaria 120
edinalis, Cnaphalocrocis
editerraneus, Pnigalio
editerraneus, Scolytus
Medlar, Japanese (see Loquat)
Medonia deromecoides, in Chile 2800
egacephala, Pheidole
Megaceresium horni
  control of 5172
  in Solomon Islands 5172
  on cacao, in Solomon Islands 5172
Megaceryle maxima, insecticide residues in, in Chad 4536
Megachile argentata
  in USSR 2627
  parasitised by, *Anthrax polystigma,* in Kazakhstan 2627
Megachile pacifica
  in USA 3638
  on lucerne, in Spain, introduced as pollinator 3638
  parasitised by
    Miltogramma oestraceum, in Spain 3638
    Monodontomerus aereus, in Spain 3638
***Megachile rotundata* auct.**
  [i.e. *Megachile pacifica*]
  in USA 1881
  on lucerne, in Washington 1881
  parasitised by
    Monodontomerus obscurus 363
    Pteromalus venustus 363
Megadelphax sordidula
  in Finland 5084
  on barley, in Finland 5084
  on oats, in Finland 5084
  on rye, in Finland 5084
  on wheat, in Finland 5084
Megalodontidae, in USSR 2250
Megalopyge, in bananas, imported into Finland from Colombia 4035
Megalopygidae, on man, urticaria caused by 4035
megalopygus, Dysdercus (see *D. cingulatus*)
Megalurothrips distalis
  in South Korea 993
  on *Citrus,* in South Korea 993
Megarhyssa gigas
  fungi in, in Belgium 458
  in Belgium 458
  parasitising, Siricidae, in Belgium 458
Megarhyssa nortoni nortoni
  fertilisation in 4238
  parasitising, *Sirex noctilio,* and biological control using, in New Zealand 4238
Megarhyssa superba
  fungi in, in Belgium 458
  in Belgium 458
  parasitising, Siricidae, in Belgium 458
Megaselia, on radish, in Libya 4324
Megaselia aletiae
  in USA 4382
  parasitising, *Scolytus ventralis,* in Idaho 4382
Megastigmus specularis
  in USA 1957
  on *Abies fraseri,* in North Carolina 1957
Megastigmus spermotrophus
  control of, insecticides for 2397
  in UK 2397
  on *Pseudotsuga menziesii,* in UK 2397
megatoma, Attagenus
Megatomoic acid (*see* 3,5-Tetradecadienoic acid, (*Z,E*)-)
  2498
Megophthalminae, in Ethiopia 1258
Megopis scabricornis
  in Italy 4839
  on *Salix,* in Italy 4839
Megoura viciae
  alate production in 327
  bean leaf-roll virus in, transmission of 4864
  corpora allata in 4070
  flight activity in 327
  pea enation mosaic virus in, transmission of 4864
  polymorphism in 4070
  turnip mosaic virus in, transmission of 3306
  virginoparae of, effects of photoperiod on production of 1325
  watermelon mosaic virus not transmitted by 735
Megourina, gen. n., description of 4997
Meigenia bisignata, diapause in 472
Meigenia mutabilis
  in Bulgaria 1388
  in Yugoslavia 464
  parasitising
    Chrysomela aenea, in Bulgaria 1388
    Oulema melanopus, in Yugoslavia 464
meijerei, Odinia
Melanagromyza
  control of, insecticides for 2812
  on asparagus, in Hungary 4042
  on *Dolichos lablab,* in Sudan 992
  on *Dolichos sesquipedalis,* in Taiwan 2812
  parasitised by, *Neochrysocharis moczari,* in Hungary 4042
Melanagromyza centrosematis (see *Ophiomyia*)
Melanagromyza metallica
  descriptions of 2522
  in India 2522
  on *Ageratum conyzoides,* in India 2522
Melanagromyza phaseoli (see *Ophiomyia*)
Melanagromyza sojae
  descriptions of 2522
  in India 2522
  on *Phaseolus aureus,* in India 2522

Melanagromyza sojae *contd.*
  on *Phaseolus mungo,* in India 2522
melanagromyzae, Opius
Melanaspis inopinatus
  in Turkey 4480
  on *Pistacia vera,* in Turkey 4480
Melanaspis obscura
  in USA 714
  on *Quercus alba,* in Maryland 714
  on *Quercus palustris,* in Maryland 714
melanderi, Nomia
melanderi, Paratrechina
Melangyna, taxonomy of, *Mesosyrphus* as synonym of 2516
Melangyna constrictus, taxonomy of, transferred from *Mesosyrphus* 2516
Melangyna quadrimaculata, taxonomy of 2516
Melanins, in *Locusta migratoria,* relation of production of locustol and 433–434, 4202
Melanitis leda, parasitised by, *Trichospilus diatraeae* 5187
melanobatus, Erigorgus
melanocephalus, Calathus
melanocerus, Anthocoris
melanogaster, Drosophila
Melanogryllus desertus
  calling signal of 3510
  in USSR 3510
melanoneura, Psylla
Melanophila picta
  in Greece 1547
  in Iraq 3825
  in Italy 3818
  on poplar, in Greece 1547
  on *Populus,* in Italy 3818
  on *Populus euphratica,* in Iraq 3825
  on *Populus nigra,* in Iraq 3825
Melanoplus, *Nosema locustae* in, and biological control using, in Montana 5221
Melanoplus bivittatus
  control of, insecticides for 1431, 3632
  in USA 1431, 3632
Melanoplus differentialis
  control of, insecticides for 1431
  in USA 1431
Melanoplus femurrubrum
  control of, insecticides for 1431
  in USA 1431, 3627
Melanoplus gladstoni
  in USA 531
  Nosema locustae in, and biological control using, in Montana 531
Melanoplus infantilis
  control of, insecticides for 3632
  in USA 531, 3632
  Nosema locustae in, and biological control using, in Montana 531
Melanoplus packardii
  control of, insecticides for 3632
Melanoplus packardii *contd.*
  in USA 3632
Melanoplus sanguinipes
  control of, insecticides for 3632
  cuticular lipids in 4204
  egg pods of, refrigeration of 3633
  in USA 531, 3632
  Nosema locustae in, and biological contr using, in Montana 531
  pox virus in 3332
melanops, Couchapelopsia, (*Ablabesmyia*)
melanopus, Oulema, (*Lema*)
melanorhodon, Anacridium
melanoscelus, Apanteles
Melanostoma ambiguum, in Poland 462
Melanostoma mellinum
  in UK 4234
  preying on, *Psyllopsis fraxini,* in UK 4234
Melanotus communis
  in USA 1352
  moisture responses in 1760
  preyed on by, *Labidura riparia* 1843
  temperature responses in 1760
melanura, Strangalia
Melasoma aenea (see *Chrysomela*)
Melasoma lapponica (see *Chrysomela*)
Melasoma populi (see *Chrysomela*)
meles, Heteroligus
Meliaceae, Pyralidae on, in Nigeria 4842
Melibiose (*see* D-Glucose, 6-*O*-α-D-galactopyranosyl-)
Melichares keegani
  in India 4862
  preying on
    Corcyra cephalonica 4862
    Ephestia cautella 4862
    Galleria mellonella 4862
    Trogoderma granarium 4862
Melichares tarsalis
  associated with *Epizeuxis aemula* 979
  in Poland 727
Melicleptria scutosa (see *Protoschinia*)
Meligethes
  control of, insecticides for 1502, 2205
  on rape, assessing infestations of 2205
Meligethes aeneus
  control of, insecticides for 762, 4321
  forecasting infestations of 1216
  in Poland 633
  in Sweden 4321
  on rape
    in Poland 633
    in Sweden 4321
Meligethes bidens
  in Poland 633
  on rape, in Poland 633
Meligethes coracinus
  in Poland 633
  on rape, in Poland 633
Meligethes corvinus
  in Poland 633

ligethes corvinus *contd.*
n rape, in Poland 633
ligethes egenus
n Poland 633
n rape, in Poland 633
ligethes flavipes
n Poland 633
n rape, in Poland 633
ligethes fulvipes
n Poland 633
n rape, in Poland 633
ligethes picipes
n Poland 633
n rape, in Poland 633
ligethes rubripes (see *M. fulvipes*)
ligethes viduatus
n Poland 633
n rape, in Poland 633
ligethes viridescens
n Poland 633
n rape, in Poland 633
liloti, Aphis
lilotus, *Aphis meliloti* on 2977
lilotus alba, *Therioaphis riehmi* on, in British Columbia 2668
lilotus officinalis, *Sitona cylindricollis* on, feeding stimulants for 2752
linus, Aphytis
lipax (*see* Toxaphene)
littia cucurbitae
n USA 4328
n *Cucurbita,* feeding preferences of 607
n squash, in Georgia (USA) 4328
llifera, Apis
llinum, Melanostoma
llonella, Galleria
loidae, in Afghanistan 396
loidogyne hapla, control of, nematicides for 5243
loidogyne incognita, control of, nematicides for 5243
loidogyne javanica
control of, nematicides for 2813, 5243
n India 2813
n *Phaseolus aureus*
  damage caused by 2813
  in India 2813
elolontha, preyed on by, *Selatosomus aeneus,* in Poland 461
elolontha hippocastani
control of 3577
forecasting outbreaks of 823
n Poland 3577
taxonomy of, variability in 1674
elolontha melolontha
Adelina melolonthae in 3323
amino acids in 1703
Bacillus popilliae in 3323
Beauveria tenella in 3323
  in France 2435
  infectivity of 3886
control of 3577

Melolontha melolontha *contd.*
  control of *contd.*
    insecticides for 3623
  forecasting outbreaks of 823
  in France 2435, 3623
  in Poland 3577
  lethargy disease of 3902
  Metarhizium anisopliae in, infectivity of 2430
  on *Fagus,* in France 3623
  on *Quercus,* in France 3623
  pox virus in 3332
  Rickettsiella melolonthae in 3323
    effects of 1574
  taxonomy of, variability in 1674
  Vagoiavirus melolonthae in 3323
Melolonthidae, rearing of, diets for 1801
Melon (cantaloupe and musk)
  Aphis gossypii on, in New South Wales 4192
  Dacus cucurbitae on, development of 2352
  Halticus spp. on, in Mysore 1484
  Hylemya platura on, in Turkey 4444
  Liriomyza bryoniae on, in Egypt 3929
Melothria guadalupensis, papaya distortion ringspot virus in, in Venezuela 2792
Membracidae
  in Sudan 2083
  parasites of, in India 3667
Menazon (*S*-[(4,6-diamino-1,3,5-triazin-2-yl)methyl] *O,O*-dimethyl phosphorodithioate)
  against
    aphids 660, 4323
    Brevicoryne brassicae 4130
    Lipaphis erysimi 4786
    Myzus persicae 4130
    Rhopalosiphum maidis 140
    Schizaphis graminum 140
    Taeniothrips simplex 660
  in *Phaseolus mungo,* toxicity of 2069
  in *Stethorus nigripes,* toxicity of 4532
  in *Synharmonia,* toxicity of 5254
  in tobacco, residues of 3404
  in wheat, toxicity of 2069
  with pirimicarb, against, *Aphis gossypii* 4308
mendax, Rhagoletis
menetriesii, Atrachya
Mengenilla parvula, nematode in 478
Meniscus agnatus (see *Lampronota nitida*)
Menochilus sexmaculatus
  carbaryl in, toxicity of 1120
  in India 1012, 1120
  in Philippines 2157
  insecticides in, toxicity of 2470
  mortality in, effects of food-plant of prey on 1846
  preying on
    Acyrthosiphon pisum, in India 1120
    Aphis craccivora 1846

Menochilus sexmaculatus *contd.*
  preying on *contd.*
    Aphis craccivora contd.
      in India 1120
    Ferrisia virgata, in Philippines 2157
    Hyadaphis erysimi 2470
Mentha, *Kaltenbachiella pallida* on, in Turkmenia 1110
Mentha arvensis, *Aulacophora foveicollis* on, in Uttar Pradesh 3149
Menziesia glabella, *Rheumaptera subhastata* on, in North America 296
Meobal (*see* Phenol, 3,4-dimethyl-, methylcarbamate)
MEP (*see* Fenitrothion)
Mepachymerus ensifer
  in India 4253
  parasitising, *Heliothis armigera,* in Rajasthan 4253
Mephosfolan (*see* Phosphoramidic acid, (4-methyl-1,3-dithiolan-2-ylidene)-, diethyl ester)
Meptox (*see* Methyl-parathion)
Mercaptodimethur (*see* Methiocarb)
Mercaptophos (Bayer trade mark) (*see* Fenthion)
mercaptophos (common name in USSR) (*see* Demeton)
Mercaptothion (*see* Malathion)
mercator, Oryzaephilus
Mercenaria mercenaria
  DDT in, residues of 2493
  dieldrin in, residues of 2493
Mercury, in *Haliaeetus leucocephalus,* residues of 2491
Mercury, (acetato-*O*)phenyl-, with mercury chloride, compatible with carbofuran 1064
Mercury chloride, with (acetato-*O*)phenylmercury, compatible with carbofuran 1064
Mericia ampelus, parasitising, *Hyphantria cunea* 3643
meridionalis, Amitermes
meridionalis, Blastothrix britannica
Mermis nigrescens
  in, grasshoppers, in Iowa 2233
  life-cycle of 2234
Merodon equestris
  food-plants of 2852
  in New Zealand 2852
Meromyza, in Nearctic region 2512
Merremia gamella, *Aspidomorpha miliaris* on, in Philippines 2360
Merremia tuberosa, *Aspidomorpha miliaris* on, in Philippines 2360
Merulius lacrymans, in wood, effects on termites of 1860
Mesochorus
  hyperparasitising, Tortricidae, in Poland 1079
Mesochorus *contd.*
  parasitising, *Apanteles glomeratus,* in Lithuania 3954
Mesochorus dimidiatus
  hyperparasitising, *Pristiphora erichsoni* in central Europe 5068
  parasitising, *Olesicampe benefactor,* in central Europe 5068
Mesocomys pulchriceps
  biology of 1379
  diapause in 107
  in South Africa 106–107
  parasitising
    Gonimbrasia belina, in South Africa 106
    Nudaurelia spp. 1379
    Pseudobunaea irius 1379
Mesoleius aulicus, parasitising, *Pristipho erichsonii,* in central Europe 5068
Mesoleius tenthredinis (see *M. aulicus*)
Mesopolobus aequus
  in Finland 1332
  preyed on by, *Mesopolobus graminum,* Finland 1332
  preying on, *Javesella pellucida,* in Finla 1332
Mesopolobus bruchophagi
  development in 2669
  in USA 2669
  parasitising, *Eurytoma roddi* 2669
Mesopolobus graminum
  in Finland 1332
  preying on
    Mesopolobus aequus, in Finland 13
    Panstenon oxylus, in Finland 1332
mesopotamicus, Cybocephalus
Mesopsocus unipunctatus, parasitised by, *Alaptus fusculus* 4717
Mesosyrphus, taxonomy of, synonym of *Melangyna* 2516
Mesosyrphus constrictus, taxonomy of, transferred to *Melangyna* 2516
Mesquite (see *Prosopis glandulosa*)
Messor barbarus, on *Trifolium stellatum,* harvesting seed 98
messoria, Euxoa
Mesurol (*see* Methiocarb)
Meta-iso-systox (*see* Methyl-demeton-S)
Meta-isosystox (*see* Methyl-demeton-S)
Meta-Systox-R (*see* Oxydemeton-methyl)
metacarpalis, Apanteles
Metacemyia calloti (see also *Ceracia mucronifera* auct.)
  parasitising, *Anacridium aegyptium* 13
  taxonomy of, distinct from *Ceracia mucronifera* 5067
Metacid combi (*see* DDT, with methyl-parathion)
Metacil (*see* Aminocarb)
Metafos (*see* Methyl-parathion)

- ***tagonistylum minense***
  - arasitising
    - *Diatraea saccharalis*
      - and biological control using
        - in Guadeloupe 2284
        - in Guyana 2284
        - in St. Lucia 2284
- **talkamate** (*see* Phenol, 3-(1-ethylpropyl)-, methylcarbamate, with 3-(1-methylbutyl)phenyl methylcarbamate)
- ***tallescens, Pheidole***
- ***tallica, Chalcoponera,*** (*Rhytidoponera*)
- ***tallica, Melanagromyza***
- ***tallus pumilus***
  - iology of 2313
  - n Netherlands 2313
  - n blackberry, in Netherlands 2313
  - n raspberry, in Netherlands 2313
- **taphos** (*see* Methyl-parathion)
- ***etaphycus***
  - arasitising
    - *Aulacaspis tegalensis*
      - and biological control using, in Mauritius 1402
      - in Tanzania 1402
    - *Eulecanium prunastri,* in USSR 4299
- ***etaphycus bartletti***
  - sp. n., description of 314
  - n South Africa 314
  - arasitising, *Saissetia oleae,* in South Africa 314
- ***etaphycus ferrierei***
  - descriptions of 4064
  - n Uganda 4064
  - parasitising, *Gascardia destructor,* in Uganda 4064
- ***etaphycus flavus***
  - in Israel 3745
  - parasitising, *Coccus hesperidum,* in Israel 3745
- ***etaphycus insidiosus***
  - in Czechoslovakia 3741
  - parasites of, in Czechoslovakia 3741
  - parasitising, *Parthenolecanium corni,* in Czechoslovakia 3741
  - reproductive system in 4098
  - taxonomy of 314
- ***etaphycus inviscus***
  - in South Africa 314
  - parasitising, *Saissetia oleae,* in South Africa 314
- ***etaphycus obtusus***
  - in South Africa 314
  - parasitising, *Saissetia oleae,* in South Africa 314
- ***etaphycus stanleyi***
  - in South Africa 314
  - parasitising, *Coccus hesperidum,* in South Africa 314
- ***etaphycus vanderplanki***
  - sp. n., description of 314
  - in South Africa 314
- ***Metaphycus vanderplanki*** *contd.*
  - parasitising, *Gascardia* spp., in South Africa 314
- ***Metaphycus zebratus***
  - in Israel 4989
  - not attracted to bait-sprays 4989
  - parasitising, *Saissetia oleae,* in Israel 4989
- ***Metapolophium dirhodum*** (see *Acyrthosiphon*)
- ***Metarhizium***
  - in
    - *Fraus simulans,* pathogenicity of 4282
    - *Plathypena scabra,* in Iowa 148
- ***Metarhizium anisopliae***
  - against, *Aeneolamia selecta* 496, 1029
  - in
    - *Chilo suppressalis,* pathogenicity of 2440
    - *Cydia pyrivora,* in USSR 3737
    - *Diaprepes abbreviatus,* infectivity of 3321
    - Elateridae, development of infection with 3336
    - Lamellicorns, specificity of 2430
    - *Limonius californicus,* penetration of cuticle by 4427
    - *Nemocestes incomptus,* pathogenicity of 3182
    - *Oryctes* spp., in Malagasy Republic 240
  - insecticides in, toxicity of 2440
- ***Metaseiulus occidentalis***
  - azinphos-methyl in, toxicity of 3126
  - development in, effects of food on 3126
  - in USA 163
  - on apple, effects of acaricides on 163
  - preying on
    - *Panonychus ulmi* 3126
    - *Tetranychus urticae* 3126
- ***Metasyrphus***
  - preying on, *Acyrthosiphon pisum* 2606
  - rearing of, techniques for 2606
- **Metasystox** (*see* Methyl-demeton)
- **Metasystox (i)** (*see* Methyl-demeton-S)
- **Metasystox R** (*see* Oxydemeton-methyl)
- ***Metatetranychus ulmi*** (see *Panonychus*)
- **Metathion** (*see* Fenitrothion)
- **Metation** (*see* Fenitrothion)
- ***Meteorus hyphantriae,*** parasitising, *Hyphantria cunea* 3643
- ***Meteorus laeviventris***
  - biology of 1385
  - in Egypt 1385
  - parasitising, *Agrotis ipsilon,* in Egypt 1385
- ***Meteorus laphygmae***
  - in Venezuela 1010
  - parasitising, *Spodoptera frugiperda,* in Venezuela 1010
- ***Meteorus rubens,*** in Turkey 3718

Meteorus versicolor
- in France 565
- parasitising, *Euproctis chrysorrhoea,* in France 565

Metepa (1,1′,1″-phosphinylidynetris[2-methylaziridine])
- in *Corchorus capsularis,* toxicity of 2143
- in *Spodoptera littoralis,* effects of 643
- sterilant for
  - *Apion corchori* 2143
  - *Dacus oleae* 3501
  - *Hylemya brassicae* 603
  - *Lasius brunneus* 3110
  - *Spodoptera exigua* 647
  - *S. littoralis* 2013–2014
  - *Tetranychus cinnabarinus* 212
  - *Trogoderma granarium* 1312

Methamidophos (*see* Phosphoramidothioic acid, *O,S*-dimethyl ester)

Methane, bromo-
- against
  - *Attagenus megatoma* 4939
  - *Ephestia cautella* 4493
  - *E. elutella* 3399
  - *E. kuehniella* 271
  - *Lasioderma serricorne* 4939
  - *Opogona sacchari* 2378
  - pests of stored grain 1984
  - *Plodia interpunctella* 4493
  - *Sitophilus oryzae* 271
  - *Sitotroga cerealella* 271
  - *Sternochetus mangiferae* 2588
  - *Tribolium castaneum* 271
  - *T. confusum* 4939
- fumigant for
  - stored grain 2884
  - stored wheat 1221
  - sugar 2476
- in crop seeds, toxicity of 2416
- in stored wheat, toxicity of 3297
- residues of, in Spanish produce 4016
- resistance to, in, *Sitophilus granarius* 2038
- use of, in small chambers 754
- with carbon dioxide, fumigant for, stored wheat 1221

Methane, dichloro-
- aminocarb in, stability of 3987
- mexacarbate in, stability of 3987

Methane, sulfinylbis-
- against, *Acheta domesticus* 2473
- as solvent for JH mimics 3471

Methane, tetrachloro-
- against
  - *Achroia grisella* 5249
  - *Tenebroides mauritanicus* 4592
  - *Tribolium castaneum* 2056
- aminocarb in, stability of 3987
- fumigant for, stored grain 2884
- mexacarbate in, stability of 3987

Methane, tetrachloro- *contd.*
- with 1,2-dichloroethane
  - against
    - pests of stored grain 5209
    - *Tenebroides mauritanicus* 4592
    - *Tribolium castaneum* 2056
  - in *Callosobruchus maculatus,* effects diet on susceptibility to 3858

Methane, trichloro-
- aminocarb in, stability of 3987
- mexacarbate in, stability of 3987

Methane, trichloronitro-
- against, *Heterodera rostochiensis* 1592
- in soil, effects on Carabidae of 1592

Methanesulfenamide, 1,1-dichloro-*N*-[(dimethylamino)sulfonyl]-1-fluoro-*N*-phenyl- (dichlofluanid)
- in *Encarsia formosa,* effects on oviposit behaviour of 1020

Methanesulfonamide, *N*-phenyl-*N*-[(1,1,2,2 tetrachloro-2-fluoroethyl)thio]-, agains *Phyllocoptruta oleivora* 278

Methanesulfonic acid
- ethyl ester
  - in *Drosophila melanogaster,* effects o 3470
  - sterilant for, *Drosophila melanogast* 2138

Methanimidamide, *N*′-(4-acetylphenyl)-*N*, dimethyl-, against, *Chilo suppressalis* 2471

Methanimidamide, *N*′-(4-chloro-2-methylphenyl)-*N,N*-dimethyl- (*see* Galecron)

Methanimidamide, *N*-(4-chloro-2-methylphenyl)-*N*′-methyl-, in cotton, chlordimeform product 2951

Methanimidamide, *N*′-(2-chlorophenyl)-*N*, dimethyl-, against, *Chilo suppressalis* 2471

Methanimidamide, *N*′-(4-chlorophenyl)-*N*, dimethyl-, against, *Chilo suppressalis* 2471

Methanimidamide, *N,N*-dimethyl-*N*′-[3-[[(methylamino)carbonyl]oxy]phenyl]- (*see* Formetanate)

Methanimidamide, *N,N*-dimethyl-*N*′-[2-methyl-4-[[(methylamino)carbonyl]oxy] henyl]- (formparanate)
- against, *Hyperodes humilis* 1041

Methanimidamide, *N,N*-dimethyl-*N*′-(2-methylphenyl)-, against, *Chilo suppressalis* 2471

Methanimidamide, *N,N*-dimethyl-*N*′-pheny against, *Chilo suppressalis* 2471

Methanimidamide, *N*′-(2,4-dimethylphenyl *N*-[[(2,4-dimethylphenyl)imino]methyl]-methyl- (amitraz)
- against
  - *Boophilus microplus* 4949
  - *Tetranychus urticae* 4949

ethano-2,4,3-benzodioxathiepin,
,8,9,10,10-hexachloro-1,5,5a,6,9,9a-
ahydro-
lioxide
tobacco, endosulfan metabolite 2950
ot produced by UV-irradiation of
endosulfan 2059
ide (*see* Endosulfan)
ethano-1*H*-indene-1,3-dicarboxylic
d, 4,5,6,7,8,8-hexachloro-2,3,3a,4,7,7a-
ahydro-
otato, aldrin product 4962
oil, aldrin product 4962
ethano-1*H*-indene, 2,4,5,6,7,8,8-
tachloro-2,3,3a,4,7,7a-hexahydro-,
otoalteration products of 1217
ethano-1*H*-indene, 1,4,5,6,7,8,8-
tachloro-3a,4,7,7a-tetrahydro- (*see*
ptachlor)
ethano-1*H*-indene, 4,5,6,7,8,8-
achloro-3a,4,7,7a-tetrahydro-,
otoalteration products of 1217
ethano-1*H*-indene, 1,2,3,4,5,6,7,8,8-
achloro-2,3,3a,4,7,7a-hexahydro-
chnical chlordane 3988
2β,3α,3aα,4β,7β,7aα)-,
photoalteration products of 1217
ethano-1*H*-indene, 1,2,4,5,6,7,8,8-
achloro-2,3,3a,4,7,7a-hexahydro- (*see*
lordane)

2α,3aα,4β,7β,7aα)-, photoalteration
roducts of 1217
2β,3aα,4β,7β,7aα)-, photoalteration
roducts of 1217
ethano-1*H*-indene, 1,2,4,5,6,7,8,8-
achloro-3a,4,7,7a-tetrahydro-, in
erne, chlordane metabolite 4021
ethano-1*H*-inden-1-ol, 4,5,6,7,8,8-
achloro-3a,4,7,7a-tetrahydro-,
tachlor metabolite, in soil, crops, and
2048
ethano-2*H*-indeno[1,2-*b*]oxirene,
,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-
ahydro- (*see* Heptachlor epoxide)
ethano-2*H*-indeno[1,2-*b*]oxirene,
2,3,4,5,6a,7,7-octachloro-
1b,5,5a,6,6a-hexahydro-
cerne, chlordane metabolite 4021
ts, chlordane metabolite 2051
ethanoisobenzofuran-1-ol, 4,5,6,7,8,8-
achloro-1,3,3a,4,7,7a-hexahydro-, UV-
diation product of endosulfan 2059
ethanoisobenzofuran-1(3*H*)-one,
,6,7,8,8-hexachloro-3a,4,7,7a-
ahydro-, UV-irradiation product of
losulfan 2059
ethanoisobenzofuran, 4,5,6,7,8,8-
achloro-1,3,3a,4,7,7a-hexahydro-, UV-
diation product of endosulfan 2059

4,7-Methanoisobenzofuran, 1,3,4,5,6,7,8,8-octachloro-1,3,3a,4,7,7a-hexahydro- (*see* Isobenzan)
4,7-Methano-1*H*-isoindole-1,3(2*H*)-dione, 2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-, synergist for, pyrethrins 4942
Methanol
as solvent for JH mimics 3471
as solvent for timber preservatives 4407
Methanone, bis(4-chlorophenyl)-, DDT product, in *Hydrogenomonas* 3980
1,3,4-Metheno-2*H*-cyclobuta[*cd*]pentalene-2,2-diol, 1,1a,3,3a,4,5,5,5a,5b,6-decabromooctahydro-, against, *Solenopsis invicta* 269
1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-
ethyl ester (kelevan)
against, *Leptinotarsa decemlineata* 203, 625, 627, 1249, 3573
residues of 3574
non-target effects of 3574
photolysis of 4945
1,2,4-Metheno-1*H*-cyclobuta[*cd*]pentalene, 1,3,4,5,5,5a,6-heptachlorooctahydro-, (1α,1aα,2β,3α,3aα,4α,5aα,5bα)-, heptachlor photoalteration product 1217
1,2,4-Metheno-1*H*-cyclobuta[*cd*]pentalene, 1,4,5,5,5a,6-hexachlorooctahydro-, chlordene photoalteration product 1217
1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene, 1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro- (*see* Mirex)
1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalen-2-ol, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-, against, *Solenopsis invicta* 269
1,3,4-Metheno-2*H*-cyclobuta[*cd*]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro- (*see* Chlordecone)
2,4,7-Metheno-1*H*-cyclopenta[*a*]pentalene, 1,1,2,3,3a,7a-hexachloro-2,3,3a,3b,4,6a,7,7a-octahydro-, (2α,3α,3aα,3bα,4β,6aα,7β,7aα)-, in soil, aldrin product 4962
2,4,7-Metheno-1*H*-cyclopenta[*a*]pentalen-5-ol, 1,1,2,3,3a,6,7a-heptachlorodecahydro-, dieldrin photoalteration product 3985
2,4,6-Metheno-2*H*-cyclopenta[4,5]pentaleno[-1,2-*b*]oxirene, 2a,3,3,4,5,5a-hexachlorodecahydro-
in *Antidorcas marsupialis,* toxicity of 1591
in *Damaliscus dorcas,* toxicity of 1591
in dogs, toxicity of 3617
in guinea-fowl, toxicity of 765
in *Passer melanurus,* toxicity of 765
in potato, aldrin metabolite 4962
in rats, toxicity of 3617

2,4,6-Metheno-2*H*-cyclopenta[4,5]pentaleno[1,2-*b*]oxirene, 2a,3,3,4,5,5a-hexachlorodecahydro- *contd.*
  in *Stigmatopelia senegalensis,* toxicity of 765
2,4,6-Metheno-2*H*-cyclopenta[4,5]pentaleno[1,2-*b*]oxiren-5b-ol, 2a,3,3,4,5,5a-hexachlorodecahydro-, photoalteration product of 9-hydroxy-HEOD 272
Methidathion (*S*-[(5-methoxy-2-oxo-1,3,4-thiadiazol-3(2*H*)-yl)methyl] *O,O*-dimethyl phosphorodithioate)
  against
    Adoxophyes orana 559
    Aleurothrixus floccosus 5130
    Cenopalpus pulcher 3192
    Dacus oleae 4478
    Eurygaster spp. 1203
    Euxoa messoria 4920
    Heliothis virescens 5170
    Hydraecia micacea 2280
    Hypera postica 1880, 2032
    Leptinotarsa decemlineata 625, 1250, 3573
    Liriomyza sativae 1204
    Myzus humuli 4732
    Parlatoria blanchardii 5113
    pests of cotton 1516, 4817
    pests of rape 2805
    Planococcus citri 3211
    Quadraspidiotus perniciosus 4461
    Saissetia oleae 3755–3756
    Salagena spp. 4777
    Sphenoptera davatchii 1884
    S. kambyses 1884
  in *Beauveria bassiana,* toxicity of 2440
  in bees, toxicity of 2805
  in *Entomophthora,* toxicity of 2440
  in *Metarhizium anisopliae,* toxicity of 2440
  in olives, residues of 4478
  resistance to, in, *Myzus persicae,* in Czechoslovakia 5239
  with DDT, against, pests of cotton 4817
  with oil emulsion
    against
      Lepidosaphes malicola 4292
      Planococcus citri 3211
Methiocarb (3,5-dimethyl-4-(methylthio)phenyl methylcarbamate)
  against
    Agrotis ipsilon 5138
    Aphis fabae 3242
    Ceratitis capitata 2933
    Curculio nucum 4479
    Cydia pomonella 4771
    Drosophila melanogaster 2933
    Frankliniella occidentalis 3242
    Homoeosoma electellum 3242
    Lobesia botrana 3717
    Lygus hesperus 3242
    Nycteola asiatica 2870
Methiocarb *contd.*
  against *contd.*
    Oscinella frit 5089
    Parametriotes theae 4483
    Peridroma saucia 5138
    pests of cotton 1521
    Phlogophora meticulosa 5138
    Tetranychus urticae 1076, 3242
  determination of 4642
  in *Orius,* toxicity of 3242
  in *Stethorus punctum,* toxicity of 29
  repellent for, birds 5089
D-methionine
  in *Argyrotaenia velutinana* diet, utilisa of 351
  in *Heliothis virescens* diet, utilisation 351
L-methionine
  diet component for, *Myzus persicae*
  in *Anthonomus grandis,* dietary requirement for 3558
  in *Aphis fabae,* apterae formation ind in absence of 2988
  in *Argyrotaenia velutinana* diet, utilisa of 351
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Heliothis virescens* diet, utilisation 351
  in *Myzus persicae,* not affecting aminopterin depression of wing formation 5008
  in *Picea abies,* effects on mite infestati of 1960
  in *Reticulitermes lucifugus,* effects of symbionts on anabolism of 2697
  in *Scirpophaga nivella,* dietary requirement for 3000
  in *Tenebrio molitor* cuticle, not found 339
Methomyl (methyl *N*-[[(methylamino)carbonyl]oxy]ethanim thioate)
  against
    Anticarsia gemmatalis 4794
    Asterolecanium pustulans 215
    Dacus caudatus 608
    Epilachna varivestis 2028, 4794
    Euchrysops cnejus 2353
    Heliothis armigera 2353
    H. virescens 1527, 5170
    H. zea 291, 1411, 4794
    Hellula undalis 1112
    Hemerocampa pseudotsugata 3994
    Hylemya brassicae 2348, 3611
    Hyperodes humilis 1041
    Malacosoma californicum 804
    Maruca testulalis 2353
    Myzus humuli 121
    M. persicae 3208, 3742
    Nephotettix nigropictus 4266
    N. virescens 4266

homyl *contd.*
  ainst *contd.*
    Paradesmus gracilis 2229
    Pectinophora gossypiella 4452
    pests of rape 2805
    Phyllotreta striolata 1112
    Pieris rapae 1481, 5143
    Pissodes strobi 3999
    Plathypena scabra 4794
    Plusia chalcites 2353
    Plutella xylostella 1112, 1481, 5143
    Rhynchophorus palmarum 5109
    Saissetia oleae 3755–3756
    Salagena spp. 4777
    Spodoptera frugiperda 1411, 3167
    S. littoralis 3253
    S. litura 4901
    Trialeurodes vaporariorum 2362
    Trichoplusia ni 2806, 5143
  termination of 4642
  rmulations of 3692
  bees, toxicity of 2805, 3712
  spiders, toxicity of 5114
  tomato, residues of 2362
  sistance to, in
    Diatraea saccharalis 1595
    Laodelphax striatella 3484–3485
  ith carbaryl, and fenitrothion, in *Laodelphax striatella,* insecticide resistance induced by 3485
hoxy-DDT (1,1′-(2,2,2-richloroethylidene)bis[4-methoxybenzene])
  ainst
    Anthonomus pomorum 560
    Ceratitis capitata 2933
    Drosophila melanogaster 2933
    Euxoa messoria 4920
    Hypera postica 4526
    Leptinotarsa decemlineata 3573
    Pissodes strobi 3999
    Tribolium castaneum 1633
  Coturnix coturnix, effects of 4961
  Philonthus fuscipennis, toxicity of 1502
  predatory insects, toxicity of 3578
  Tachyporus hypnorum, toxicity of 1502
  water, residues of 2495
  ith azinphos-methyl, against, *Hypera postica* 1880
  ith γ-BHC, and DDT, against, *Leptinotarsa decemlineata* 627
  ith malathion, against, *Hypera postica* 1880, 4526
hoxy-methiochlor (*see* Benzene, 1-methoxy-4-[2,2,2-trichloro-1-[4-(methylthio)phenyl]ethyl]-)
hoxychlor (*see* Methoxy-DDT)
hyl blue, for staining *Choristoneura fumiferana* eggs prior to counting 227
hyl bromide (*see* Methane, bromo-)
Methyl-carbophenothion (*S*-[[(4-chlorophenyl)thio]methyl] *O,O*-dimethyl phosphorodithioate)
  in soil, insecticidal activity of 1226
Methyl-demeton (methyl-demeton-O plus methyl-demeton-S)
  against
    Acyrthosiphon pisum 1119
    Aphis craccivora 1119
    A. fabae 751
    Brevipalpus californicus 3214
    Carpomyia vesuviana 4316
    Cosmopolites sordidus 3260
    Cydia pomonella 4296
    C. pyrivora 567
    Empoasca spp. 1119, 3245
    Eriosoma lanigerum 168
    Idiocerus stali 4482, 5120
    Lipaphis erysimi 4786
    Perotis lugubris 1081
    pests of cotton 3789
    Prays oleae 3216
    Schizaphis graminum 4250
    Syringopais temperatella 506
    Tetranychus arabicus 5247
    T. urticae 274, 1119, 4198, 4919
  in apple, translocation of 168
  in *Chrysopa ploribunda,* toxicity of 4250
  in *Cycloneda sanguinea,* toxicity of 4250
  in *Hippodamia convergens,* toxicity of 4250
  in lettuce, residues of 1634
  in *Lysiphlebus testaceipes,* toxicity of 4250
  in *Orius insidiosus,* toxicity of 4250
  in predatory insects, toxicity of 3578
  in soil, persistence of 168
  in *Trichogramma evanescens,* toxicity of 777
  in *Zetzellia mali,* toxicity of 2657
  resistance to, in
    Panonychus ulmi, in South Korea 2924
    Tetranychus urticae
      and cross-resistance 4509
      in South Korea 2924
      in Uzbekistan 4509
  with formetanate, and Galecron
    against, *Eriophyes vitis* 1885
    in *Eriopis connexa,* toxicity of 1885
  with terramycin, against, *Aphis fabae* 751
Methyl-demeton-O (*O*-[2-(ethylthio)ethyl] *O,O*-dimethyl phosphorothioate)
  against, *Myzus persicae* 1458
  with methyl-demeton-S (*see* Methyl-demeton)
Methyl-demeton-S (*S*-[2-(ethylthio)ethyl] *O,O*-dimethyl phosphorothioate)
  against
    Acyrthosiphon dirhodum 124
    Aphis craccivora 3803

Methyl-demeton-S *contd.*
  against *contd.*
    Aphis contd.
    A. gossypii 3803
    Chilo spp. 3697
    Empoasca spp. 3245
    Macrosiphum avenae 124
    M. euphorbiae 206
    Myzus persicae 206
    pests of rape 2805
    Rhopalosiphum padi 124
    Tryporyza incertulas 3697
  in bees, toxicity of 2805
  in plant material, determination of 4646
  in spiders, toxicity of 5114
  resistance to, in, *Tetranychus urticae,* in UK 1076, 2376
  with bromophos-ethyl, against, pests of brussels sprouts 195
  with methyl-demeton-O (*see* Methyl-demeton)
Methyl 12,14-dihomojuvenate (synthetic) (*see* 2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-, methyl ester)
Methyl-ethoxychlor (*see* Benzene, 1-ethoxy-4-[2,2,2-trichloro-1-(4-methylphenyl)ethyl]-)
Methyl eugenol (*see* Benzene, 1,2-dimethoxy-4-(2-propenyl)-)
Methyl farnesoate dihydrochloride (*see* 2-Dodecenoic acid, 7,11-dichloro-3,7,11-trimethyl-, methyl ester)
Methyl-Gusathion (*see* Azinphos-methyl)
Methyl-mercaptophos (*see* Methyl-demeton)
Methyl paraben (*see* Benzoic acid, 4-hydroxy-, methyl ester)
Methyl-parathion (*O,O*-dimethyl *O*-(4-nitrophenyl) phosphorothioate)
  against
    Anticarsia gemmatalis 4794
    Brevicoryne brassicae 3762
    Callosobruchus analis 4402
    Diabrotica speciosa 1123
    Earias insulana 1607
    Enneothrips flavens 1123
    Epilachna varivestis 4794
    Eurygaster spp. 1203, 5233
    E. integriceps 1644, 4249
    Hadena sordida 5085
    Heliothis armigera 2354, 2815
    H. virescens 771
    H. zea 4794
    Hydrellia philippina 524
    Hypera postica 1448
    leaf-mining moths 1895
    Leucoptera coffeella 3262
    Liriomyza sativae 1204
    Lobesia botrana 3717, 4475
    Lygus rugulipennis 5251
    Melanoplus bivittatus 1431
    M. differentialis 1431

Methyl-parathion *contd.*
  against *contd.*
    Melanoplus contd.
    M. femurrubrum 1431
    Oebalus poecilus 2298
    pests of cotton 3785
    pests of lucerne 147
    pests of *Papaver somniferum* 2702
    pests of rice 4262
    Phytomyza horticola 2815
    Plathypena scabra 4794
    Plutella xylostella 5139
    Schizaphis graminum 1428
    Spodoptera eridania 771
    S. frugiperda 771
    S. littoralis 3978, 5250
    Stegasta basqueella 1123
    Tryporyza incertulas 524
    Xestia c-nigrum 4188
  FAO specifications for 788
  in cotton, residues of 1934
  in grapes, residues of 4475
  in lucerne, residues of 1448
  in mustard, residues of 3762
  in rape, residues of 3762
  in rodents, residues of 1646
  in soil
    effects on Acarina of 1241
    effects on Collembola of 1241
    insecticidal activity of 1226
  in *Spodoptera littoralis,* effects of 40
  resistance to, in
    Diatraea saccharalis 1595
    Heliothis virescens, in Georgia (USA 4823
    H. zea, in Georgia (USA) 4823
    Nephotettix cincticeps 3483
    Spodoptera littoralis 5250
  with carbaryl
    against
      Epitrix hirtipennis 1949
      Heliothis virescens 1949
      Myzus persicae 1949
      Spodoptera littoralis 3777
  with carbaryl, DDT, and toxaphene, against, pests of cotton 2370
  with DDT
    against
      Carpomyia vesuviana 4316
      Heliothis armigera 630
      pests of cotton 3789
      Spodoptera littoralis 5250
  with DDT, and toxaphene
    against
      Agrotis ipsilon 2837
      Aleurothrixus floccosus 3748
      Earias insulana 2830, 4810
      Pectinophora gossypiella 2830, 4
      pests of cotton 2370
      Spodoptera littoralis 3253
      Thrips tabaci 3801

yl-parathion *contd.*
h endrin, against, *Spodoptera littoralis*
5250
h EPN, against, *Spodoptera littoralis*
5250
h oil emulsion, against, *Leucoptera*
coffeella 3262
h toxaphene
against
Aleurothrixus floccosus 3748
Anticarsia gemmatalis 4794
Epilachna varivestis 4794
Heliothis zea 4794
Plathypena scabra 4794
Spodoptera littoralis 5250
ylcarbamates
ticholinesterase and insecticidal activity
of 2050
termination of, *N*-perfluoroacyl
derivatives for 2931
ylene green, for staining *Choristoneura*
umiferana eggs prior to counting 227,
391
ylmercaptophos (*see* Methyl-demeton)
ylnitrofos (*see* Fenitrothion)
ylnitrophos (*see* Fenitrothion)
culosa, Phlogophora
lnitrofos (*see* Fenitrothion)
sa plana
ntrol of, insecticides for 5112
Malaysia 5112
Elaeis guineënsis, in Malaysia 5112
nercapturon (*see* Methiocarb)
opolophium dirhodum (see
cyrthosiphon)
opolophium festucae (see
cyrthosiphon)
x (*see* Methoxy-DDT)
icus, Polistes
riocnemus, on *Nasturtium officinale,* in
rance 3761
riocnemus lacteolus
France 3761
Nasturtium officinale, in France 3761
riona bicolor, food-plants of, selection of
075
ura elongata
Australia 4307
avocado, in Queensland 4307
inphos (methyl 3-
(dimethoxyphosphinyl)oxy]-2-butenoate)
ainst
Cosmopolites sordidus 3260
Dacus caudatus 608
Empoasca fabae 1495
Euchrysops cnejus 2353
Heliothis armigera 2353
Hellula undalis 1112
Maruca testulalis 2353
Myzus persicae 1495, 3742
Phthorimaea operculella 1495
Phyllotreta striolata 1112

Mevinphos *contd.*
against *contd.*
Platynota idaeusalis 566
Plusia chalcites 2353
Plutella xylostella 1112, 2807
Tetranychus urticae 274
Thrips tabaci 1495
in plant material, bioassay for 4174
resistance to, in, *Myzus persicae,* in Czechoslovakia 5239
with bromophos-ethyl, against, pests of brussels sprouts 195
with carbophenothion, against, *Empoasca flavescens* 2767
Mexacarbate (*see* Zectran)
Mexecheles hawaiiensis
in USA (Hawaii) 3503
preying on, *Brevipalpus phoenicis,* in Hawaii 3503
mexicana, Atta
mexicanensis, Pseudomyrmex gracilis
Mexico
Acrobasis caryae in, natural enemies of 2761
Acromyrmex octospinosus in 1681
Aeneolamia contigua in, in pasture 2743
A. postica in, on sugar-cane 497
Anthonomus grandis in 2152
Aphis gossypii in 2150
Apion godmani in, on *Phaseolus* 4332
Atta spp. in 1681
Bemisia tabaci in, on cotton 1514
Biruga chariclo in, on *Chamaedorea* 4555
Blissus spp. in, on grasses 2747
Bruchidae in 4630
cabbage cutworms in 2149
Cecidomyiidae in, on avocado 2754
Chrysomelidae in 4630
Contarinia sorghicola in 2718
on sorghum 2715
Copitarsia spp. in, on cabbage 5141
cotton in, insects associated with 1511–1512
Curculionidae in 4630
Diatraea spp. in 2712
on maize 2711
Empoasca fabae in, on *Phaseolus* 4332
Epilachna varivestis in, on *Phaseolus* 4332
Eriophyes gardeniella in, on gardenia 4147
Heliothis stombleri in, on cotton 4352
H. virescens in
natural enemies of 2023
on cotton 2023, 4352
H. zea in 2714
natural enemies of 2023
on cotton 2023, 4352
Hypera brunneipennis in, on lucerne 2794
Lepidoptera in 4157

Mexico *contd.*
Macrolophus spp. in 2795
Macrosiphum avenae in, on wheat 2719
Ormenis spp. in, on mango 2759
pecan in, insect pests of 2762
Pectinophora gossypiella in, on cotton 1508–1509
Plutella xylostella in, on cabbage 5141
Schizaphis graminum in
natural enemies of 4250
on wheat 4250
Spodoptera frugiperda in 2712
Tenuirostritermes tenuirostris in 485
Tetranychidae in
on cotton 1513
on melon 2799
Trichoplusia ni in, on cabbage 5141
meyeri, Entypotrachelus
meyricki, Leucoptera
Mezoral (*see* Methiocarb)
MGK Synergist 264 (*see* 4,7-Methano-1*H*-isoindole-1,3(2*H*)-dione, 2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-) 4942
micacea, Hydraecia
micans, Cybocephalus
micans, Dendroctonus
micans, Entypotrachelus meyeri
Micasin (*see* Chlorfensulphide, with Neotran, and bis(4-chlorophenyl) disulfide)
Mice
acaricides in, residues of 2487
carbofuran in, toxicity of 2485
DDT analogues in, metabolism of 4937
dinobuton in, metabolism of 4538
dinoseb in, metabolism of 4538
fensulfothion in, toxicity of 5255
fluenetil in, metabolism of 3467
Galecron in, effects of 2057
insecticides in
effects of 2486, 2943
metabolism of 1232, 3993
pyrethrins in, toxicity of 2071
pyridafenthion in, metabolism of 2070
Michigan
Cenopis pettitana in, on *Acer* 2389
Choristoneura rosaceana in, on *Acer* 2389
Hypera postica in, on lucerne 3933
Orthopteroids in, in abandoned fields 3627
Oulema melanopus in 5071
Panonychus ulmi in, on apple 1462
Tetranychus urticae in, on apple 1462
Micreremus brevipes, in East Germany 1087
Microbisium brunneum
in Canada 2949
in soil, effects of fenitrothion on 2949
Microbracon hebetor (see *Bracon*)
Microcentrum triangulatum, in Virgin Islands 4141
Microcephalothrips abdominalis
in South Korea 2586
on ornamental plants, in South Korea 2586
Microcerotermes eugnathus, in Egypt 4
Microcolona technographa
in India 591
on guava, in India 591
Microctonus aethiops
parasitising, *Hypera postica* 4221
productivity of, effects of host on 422
Microdus rufipes (see *Agathis*)
Microgaster hospes
in West Germany 1386
parasitising, *Tortrix viridana,* in West Germany 1386
Microgaster polita
in USSR 3944
parasitising, *Argyresthia conjugella,* in Lithuania 3944
Microgaster tiro (see *Hypomicrogaster*)
micrographus, Apterencyrtus
Microlarinus lypriformis, on *Tribulus cistoides,* and biological control using Papua 4144
Microlestes discoidalis
in India 4235
preying on, *Agrotis segetum,* in Rajast 4235
Microphanurus (see *Trissolcus*)
Micropholis chrysophylloides **(timber),** preservative treatments for 2423
Micropholis garcinaefolia **(timber),** preservative treatments for 2423
microphylla, Lachnosterna, (*Phyllophaga*
Microplitis croceipes
avoidance of encapsulation by 1989
Dufour's gland in, source of pheromon for marking hosts 2564
parasitising, *Heliothis virescens,* distinguishing parasitised hosts 25
Microplitis murina
biology of 1831
hosts of 1831
microplus, Boophilus
microptera, Romalea
Microsetia sexguttella (see *Chrysoesthia*)
Microsporidia, survival of 3334
Microtermes obesi
control of, insecticides for 2839
in India 2839
on jute
damage caused by 2839
in India 2839
Microterys flavus, reproductive system in 4098
Microterys hortulanus
in USSR 4299
parasitising, *Eulecanium prunastri,* in USSR 4299

oterys hortulanus *contd.*
  roductive system in 4098
oterys sylvius
  Czechoslovakia 3741
  rasites of, in Czechoslovakia 3741
  asitising, *Parthenolecanium corni,* in
    Czechoslovakia 3741
oweisea, preying on, *Nuculaspis*
  alifornica, in USA 3820
oweisea marginata (see *Cryptoweisea*)
lolus fonsecai
  n., description of 308
  Brazil 308
  sugar-cane, in Brazil 308
lolus morretesi, taxonomy of, characters
  stinguishing *M. fonsecai* and 308
atoria, Locusta
atorioides, Locusta migratoria
myia coryli
  ntrol of, insecticides for 5119
  Turkey 5119
  hazel, in Turkey 5119
  rasitised by
    Prosactogaster oebalus, in Turkey
      5119
    Tetrastichus spp., in Turkey 5119
    Torymus cultriventris, in Turkey 5119
ex (*see* Chlorfenethol, with
  hlorfensulphide)
urb (*see* 4-Pyrimidinol, 5-butyl-2-
  dimethylamino)-6-methyl-)
s, Cerambyx
ris, Aspidomorpha
ris, Capnodis
chiidae, in Americas south of USA
  36
onia isodoxa
  ology of 4395
  scriptions of 4076
  Papua New Guinea 4395
  tural enemies of, in Papua New Guinea
    4395
  Araucaria cunninghamii, in Papua
    New Guinea 4395
aris, Apanteles
aris, Postelectrotermes
aris, Pseudacanthotermes
tis, Neurogalesus
k
  HC in, residues of 1222
  eldrin in, residues of 1222
  et component for, *Pegomya mixta*
    1491
  ptachlor epoxide in, residues of 1222
  ichlorphon in, determination of 928
k, dried, diet component for, *Piophila*
  casei 5205
k powder
  et component for, *Musca domestica,* for
    testing *Bacillus thuringiensis* toxins
    2193
Milk powder *contd.*
  Monomorium pharaonis in, in East
    Germany 3637
milleri, Chrysocharis
Millet, pearl (see *Pennisetum typhoides*)
Millet (stored grain), storage of, in Ghana
  3853
Miltogramma oestraceum
  in Spain 3638
  parasitising, *Megachile pacifica,* in Spain
    3638
mima, Pronemorilla
mimula, Periploca
minense, Metagonistylum
minimum, Coptosoma
Minnesota
  Delphinia picta in, on rotting vegetation
    2591
  Malacosoma disstria in 3529
  Ostrinia nubilalis in
    natural enemies of 5072
    on maize 5072
minor, Ischnus
minor, Myelophilus, (*Blastophagus*)
minor, Praon
Mint, Japanese (see *Mentha arvensis*)
Minthea rugicollis
  in Japan 2424
  in dwellings, in Japan 2424
minuscula, Cryptothelea
minuta, Hoplocampa
minutum, Trichogramma
minutus, Bruchidius
minutus, Dinoderus
minutus, Lathridius
mira, Bestiola
mirabilis, Cerapterocerus
mirabilis, Deuterophlebia
miranda, Calospilos
miranda, Saissetia
Mirex (1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1*H*-cyclobuta[*cd*]pentalene)
  against
    leaf-cutting ants 1819
    Reticulitermes spp. 3965
    Solenopsis invicta 269, 989, 5057
    S. richteri 989
  in estuarine molluscs, residues of 4975
  in rats, fate of 4967
  photochemistry of 3977
Miridae
  enzymes in, related to taxonomy 4089
  malathion in, toxicity of 4011
  on cacao, in Nigeria 1528
  on cotton
    in Iran 4360, 4813
    in Ivory Coast 5236
Miscanthus saccharifer, Chilo hyrax on, in
  Japan 528
Miscanthus sacchariflorus (see *M.*
  saccharifer)

miserana, Isotenes
Mississippi
  Anisota virginiensis in 4377
  Anthonomus grandis in 4926
    on cotton 3961
  aphids in, on maize 89
  Chrysomela scripta in, on *Populus* 3819
  Elasmopalpus lignosellus in, on sorghum 1876
  Erythroneura maxwelli in, on *Quercus* 3438
  Heliothis virescens in, on cotton 2915
  H. zea in, on cotton 2915
  Malacosoma disstria in 4880
  Reticulitermes spp. in 3965
  Solenopsis invicta in 1823
    natural enemies of 4695
  S. richteri in 989
    natural enemies of 4695
  Sphenophorus spp. in, on sorghum 1876
Missouri
  Anisota senatoria in, on *Quercus* 4520
  Dectes texanus in, on soy bean 85
  Diapheromera femorata in, on *Quercus* 4520
  Hemiptera in, in grassland 4283
  Heterocampa manteo in, on *Quercus* 4520
  Hypera paludicola in, on *Rumex verticillatus* 3531
  Pieris rapae in, on cabbage 4501
  Trichogramma spp. in 3490
Mites
  in soil
    effects of gases on 2166–2167
    not affected by low-frequency electromagnetic radiation 1761
Mitomycin C, in *Drosophila melanogaster*, effects on sigma virus of 2467
mixta, Orgyia
mixta, Pegomya
mixtalis, Pediasia
Mnesithia laevis, *Dicladispa armigera* on, in India 4265
Mniotilta varia, preying on, *Lambdina fiscellaria*, in Newfoundland 1853
Mobam (*see* Benzo[*b*]thiophene-4-ol, methylcarbamate)
    4920
    5152
Mocis latipes
  in USA 4707
  preyed on by, *Sturnella magna*, in USA 4707
moczari, Neochrysocharis
modestus, Podisus
Modicogryllus pallipalpis
  calling signal of 3510
  in USSR 3510
mohave, Chrysopa
Molasses
  in attractant sprays for predatory ins
    5072
  with carbaryl 1898, 1949
  with methyl-parathion 1934
molesta, Cydia, (*Grapholitha*)
molesta, Solenopsis
molitor, Tenebrio
Molluscs, insecticides in, residues of 4
mombinpraeoptans, Anastrepha
MON-0147 (*see* Propanedinitrile, [[(3,5 dichlorophenyl)(1-methylethyl)amino]methylene]-)
MON-0856 (*see* Propanedinitrile, [[[3,5 bis(trifluoromethyl)phenyl]ethylamin ethylene]-)
    771
MON-1311 (*see* Propanedinitrile, [[(3,4 dichlorophenyl)amino]methylene]-)
monacha, Lymantria, (*Ocneria*)
Monalonion dissimulatum
  in Brazil 2843
  on cacao, in Brazil 2843
Moneilema, control of, insecticides for 2798
Monellia
  control of, insecticides for 3721
  on pecan, in Georgia (USA) 3721
Mongolia
  Hylemya floralis in, on cabbage 602
  Psylloidea in 449
Monitor (*see* Phosphoramidothioic acid *O,S*-dimethyl ester)
    194
    1041
    1481
    1482
    1954
    5184
Monobremia, taxonomy of 1667
Monobremia subterranea
  biology of 1667
  taxonomy of 1667
monoceros, Oryctes
Monochamus
  on *Pinus contorta*
    effects of fires on 4849
    in Alberta 4849
Monochamus alternatus
  Bursaphelenchus lignicolus in, transmission of 1971
  in Japan 1971
Monochamus galloprovincialis
  biology of 1964
  distribution of 1163
  food-plants of 1163
Monochamus oregonensis, taxonomy of, reduced to subspecies of *M. scutellat*
    2508
Monochamus saltuarius
  biology of 1964
  distribution of 1163

nochamus saltuarius *contd.*
- ood-plants of 1163

nochamus sartor
- iology of 1964
- istribution of 1163
- ood-plants of 1163

nochamus scutellatus oregonensis
- n Canada 2508
- axonomy of, reduced from specific rank 2508

nochamus scutellatus scutellatus, in Canada 2508

nochamus sutor
- iology of 1964
- istribution of 1163
- ood-plants of 1163

nochamus urussovii
- iology of 1964
- istribution of 1163
- ood-plants of 1163

nocrotophos (dimethyl (*E*)-3-(methylamino)-1-methyl-3-oxo-1-propenyl phosphate)
- gainst
  - *Aceria guerreronis* 260
  - *Amblypelta cocophaga* 4765
  - *Aphis gossypii* 4826
  - *Aulacaspis tegalensis* 320
  - *Brevipalpus californicus* 3214
  - *B. phoenicis* 2781
  - *Cydia anaranjada* 225
  - *Diatraea grandiosella* 2724
  - *Dicladispa armigera* 4272
  - *Elasmopalpus lignosellus* 1876
  - *Empoasca fabae* 1495
  - *Heliothis armigera* 2815
  - *H. virescens* 5170
  - *H. zea* 1411
  - *Leucoptera coffeella* 3262
  - *Lorryia turrialbensis* 2781
  - *Lygus hesperus* 3242, 4334
  - *Myzus humuli* 121
  - *M. persicae* 1495, 4457
  - *Oebalus poecilus* 2298
  - *Oligonychus indicus* 4527
  - *Pectinophora gossypiella* 4451–4452
  - pests of cotton 4506
  - *Phthorimaea operculella* 1495
  - *Phytomyza horticola* 2815, 4335
  - *Pyrilla perpusilla* 499
  - *Sahlbergella singularis* 1224
  - *Scaphoideus littoralis* 2767
  - *Spodoptera frugiperda* 1411
  - *S. littoralis* 3253, 3800, 4449, 5168
  - *Tetranychus urticae* 784
  - thrips 1931
  - *Thrips tabaci* 1495
  - *Undulambia polystichalis* 1146
  - *Virachola livia* 4904
- n chrysanthemum, distribution of 4826
- n *Citrus,* residues of 4019
- n *Orius,* toxicity of 3242

Monocrotophos *contd.*
- resistance to, in
  - *Diatraea saccharalis* 1595
  - *Myzus persicae,* in Czechoslovakia 5239
- with amidithion
  - against
    - *Aphis gossypii* 2367
    - *Thrips tabaci* 2367
  - in cotton, toxicity of 2367
- with DDT, against, pests of cotton 4817
- with formothion
  - against
    - *Aphis gossypii* 2367
    - *Thrips tabaci* 2367
  - in cotton, toxicity of 2367
- with parathion, against, *Spodoptera frugiperda* 5092
- with phorate, in cotton, toxicity of 2367

Monoctonus paulensis
- embryonic development in 1281
- host preferences of 1378

monodactylus, Oidaematophorus

Monodontomerus aereus
- in Spain 3638
- in USSR 4770
- parasitising
  - *Cydia pomonella,* in Moldavia 4770
  - *Megachile pacifica,* in Spain 3638

Monodontomerus obscurus
- chromosome number in 363
- parasitising, *Megachile rotundata* 363

Monolepta australis
- in Australia 4307
- on avocado, in Queensland 4307

Monolepta khasiensis
- in India 2849
- on zinnia, in India 2849

Monolepta nigrobilineata, on pulses, in India (?) 609

Monomorium destructor
- control of 4693
- in Australia 4693

Monomorium gracillimum
- in Cyprus 3832
- preying on, *Thaumetopoea wilkinsoni,* in Cyprus 3832

Monomorium pharaonis
- colony foundation in 4692
- control of 4693
- in Australia 4693
- in East Germany 3637
- in coffee powder, in East Germany 3637
- in hospitals, in East Germany 3637
- in milk powder, in East Germany 3637
- rearing of, techniques for 4691

Monomorium salomonis
- in India 142
- on sorghum, in Rajasthan 142

Mononychellus tanajoa
- control of, acaricides for 4803
- in Uganda 4803

Mononychellus tanajoa *contd.*
  on *Manihot esculenta*
    damage caused by 4803
    in Uganda 4803
Monopis rusticella, fecundity in 2557
monostigma, Tryporyza (see *Scirpophaga excerptalis*)
monstruosa, Tianschanella
Montana
  Cephus cinctus in, on wheat 1039
  Choristoneura occidentalis in 1972
    on *Abies* 695
    on *Picea* 695
    on *Pseudotsuga* 695
  Coleophora laricis in, on *Larix* 3840
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
  D. reniculelloides in 2511
  grasshoppers in 531, 3632, 5221
  Rhagoletis indifferens in, on cherry 1896
montanus, Colladonus
montanus, Ips
montanus, Patrocloides
monticola, Solenopsis
montrouzieri, Cryptolaemus
Monuron (*see* Urea, *N'*-(4-chlorophenyl)-*N,N*-dimethyl-)
  4959
moorei, Amsacta
moorei, Hypocala
Mopani (see *Colophospermum mopane*)
Moratorvirus semiothisae, in, *Semiothisa pumila,* in USSR 1183
mordax, Rhagium
mordwilkoi, Pemphigus
Morestan (*see* Quinomethionate)
mori, Bombyx
morio, Chelisoches
morio, Villa, (*Hemipenthes*)
Moritziella corticalis, in UK 1167
Morocco
  Aelia spp. in
    natural enemies of 2722
    on wheat 2721
  Aonidiella aurantii in, on *Citrus* 1586
  Cedrobium laportei in, natural enemies of 1255
  Matsucoccus feytaudi in, on *Pinus* 3356
  Parlatoria blanchardii in, on date palm 2311
  Schistocerca gregaria in 2240, 3102
Morocid (*see* Binapacryl)
Morocide (*see* Binapacryl)
morosa, Graphania
morosa, Lachnosterna
morretesi, Migdolus
morrisii, Pheidole
Morus alba (see Mulberry)
Morus nigra (see Mulberry)
mossambicus, Macrotermes, (*Hodotermes*)
Moulting hormones
  in *Ceratitis capitata,* effects of γ-irradiation on activity of 2113
  in *Diatraea grandiosella* 2560
  in insects, azasteroids interfering with synthesis or metabolism of 1604
  in *Manduca sexta* 4102
  in *Schistocerca gregaria* 1727, 2121
  insect control by disrupting metabolism
    1727
Mouse (*see* Mice)
Mouse pellets, diet component for, *Achet* *domesticus* 1793
mouyassuensis, Paraivongius
Mozambique
  Chilo partellus in, on maize 491
  Coccoidea in 3640–3641
  cotton in, pest control on 4817
  Diparopsis castanea in, on cotton 481
  Heliothis armigera in, on cotton 4817
  insects in, on banana 3217
  mites in, on orange 3213
  Ricinus communis in, pests of 2826
  Sesamia calamistis in
    natural enemies of 491
    on maize 491
MPMC (*see* Phenol, 3,4-dimethyl-, methylcarbamate)
  1200
MPP (*see* Fenthion)
MS-1053 (*see* Dinobuton)
MTMC (*see* Carbamic acid, methyl-, 3-methylphenyl ester)
  1200
  3484
  3485
Mucor, in, orchard pests, in Lithuania 3948
mucronifera, Ceracia
Muehlenbeckia australis
  Zapyrasta calliphana on
    in New Zealand 4543
    in Norfolk Island 4543
Muehlenbeckia complexa
  Zapyrasta calliphana on
    in New Zealand 4543
    in Norfolk Island 4543
Mulberry (*Morus alba* and *M. nigra*)
  Dialeurodes dothioensis on, in Pakistan
    3543
  Hyphantria cunea on, in Romania 156
  Icerya aegyptiaca on, in Pakistan 3123
  Spodoptera littoralis on, in Egypt 137
Mulga (see *Acacia aneura*)
Multilateral control 924
multilineatus, Cirrospilus, (*Zagrammosom*

multisetis, Myzocallis
multistriatus, Scolytus
mumtazi, Centrodora
munda, Gyranusoidea
munda, Liriomyza (see *L. sativae*)

della, Tirathaba
dulus, Tytthus
dus, Eretmocerus
dus, Pseudaphycus
g (see *Phaseolus aureus*)
gantia histrionica
  USA 4785
  cruciferous crops
    in North Carolina 4785
    resistance to 4785
icatum, Embaphion
ina, Microplitis
inana, Choristoneura
reensis, Tuckerella
a textilis, Cosmopolites sordidus on, in
  hilippines 3260
ca domestica
  acillus thuringiensis in, assay for 2193
  rbofuran in, toxicity of 2485
  ntrol of, insecticides for 1246, 2050,
    2058, 2474, 5242
  velopment in, effects of azasteroids on
    1604
  nobuton in, metabolism of 4538
  noseb in, metabolism of 4538
  nbryonic development in, effects of
    juvenile hormone analogues on 1717
  zymes in 25
  enetil in, metabolism of 3467
  secticide resistance in, mechanisms of
    2461
  secticides in, metabolism of 3993
  rasites of, defence mechanisms against
    3364
  luene derivatives in, oxidation of 2838,
    3796
scicapa hypoleuca (see *Ficedula*)
scidae, Protozoa in 3333
scina assimilis
  Turkey 4444
  leek, in Turkey 4444
scina stabulans
  Turkey 4438
  rasitising, *Eurygaster* spp., in Turkey
    4438
seum specimens, *Necrobia rufipes*
  infesting, in Kerala 4857
shroom
  ecidomyiidae on, in Taiwan 2275
  ichlorvos in, residues of 1242
  rosophilidae on, in Hungary 5074
  est control on, fumigants for 118
  ciara auripila on, in England 486
  enylla welchi on, in Italy 1022
icus, Gastrimargus
sk mallow (see *Hibiscus abelmoschus*)
skmelon (*see* Melon (cantaloupe and
  musk))
ssidia nigrivenella
  Nigeria 3853
  Tanzania 2228
  stored maize, in Nigeria 3853

Mussidia nigrivenella contd.
  on cacao, in Tanzania 2228
Mustard
  Brevicoryne brassicae on, in California
    3762
  Hyadaphis erysimi on
    in California 3762
    in Uttar Pradesh 2349, 3770
  insecticides in, residues of 3762
  Murgantia histrionica on, in North
    Carolina 4785
  pests of
    effects of fertilizer use on 1600
    in Uttar Pradesh 3296
Mustard (*Brassica campestris*)
  Athalia lugens on, in Delhi 2808
  Bagrada hilaris on, in Delhi 2808

  Diacrisia obliqua on, in Punjab 5144

  Hyadaphis erysimi on, in Delhi 2808
  Lipaphis erysimi on
    in Haryana 4786
    varietal preferences of 4322
  pest control on, protection of bees during
    4323
Mustard, rocket (see *Sisymbrium irio*)
Mustha spinulosa
  in Turkey 4480
  on *Pistacia vera*, in Turkey 4480
mutabilis, Heterorrhina
mutabilis, Meigenia
mutans, Graphania
Mutillini, in Malagasy Republic 302
Mycalesis gotama fulginia
  in Japan 3372
  on rice, in Japan 3372
  population dynamics of 3372
Mycetaea hirta
  in UK 4858
  in maltings, in UK 4858
Mycetaspis personata
  biology of 2765
  control of, insecticides for 3759
  in Egypt 2765, 3759
  on *Ficus nitida*, in Egypt 2765
  on mango
    in Egypt 3759
    varietal preferences of 2790
Mycetobia divergens
  in USA 1150
  on *Acer*, in Indiana 1150
Mycoplasmatales (including mycoplasma-
  like organisms)
  associated with
    citrus likubin disease 736
    cotton virescence 1935
    rice padi jantan disease 3163
  control of, combined antibiotic-insecticide
    injections for 4872
  in
    Drosophila paulistorum 3896

Mycoplasmatales *contd.*
  in *contd.*
    Ephestia kuehniella 3896
    Perkinsiella saccharicida, in Malagasy Republic 3902
  transmission of 429
Mydas, in *Atta* refuse chambers 442
Myelois ceratoniae (see *Ectomyelois*)
Myelophilus destruens
  in France 3355, 3357
  in Spain 680
  on *Pinus pinaster,* in France 3355, 3357
Myelophilus minor
  biology of 680, 4037
  in Finland 4037
  in Spain 680
  on *Pinus*
    in Finland 4037
    in Mediterranean region 667
  on *Pinus pinaster,* in Spain 680
  preyed on by, *Thanasimus formicarius,* in Spain 680
Myelophilus piniperda
  attractive pheromone of 4840
  biology of 680, 4037
  in Finland 4037
  in Netherlands 698
  in Spain 680
  in UK 3285
  in West Germany 4840
  on *Pinus*
    in Finland 4037
    in Mediterranean region 667
  on *Pinus pinaster,* in Spain 680
  on *Pinus sylvestris*
    damage caused by 698
    in Netherlands 698
  preyed on by, *Thanasimus formicarius,* in Spain 680
Mylabris pustulata
  in India 515
  on *Pennisetum typhoides*
    damage caused by 515
    in Madras 515
mylitta, Antheraea
Myllocerus
  control of, insecticides for 3789
  on cotton, in Rajasthan 3789
Myllocerus cardoni
  in India 5093
  on *Pennisetum typhoides,* in Rajasthan 5093
Myllocerus dentifer
  in India 1043
  on *Pennisetum typhoides,* in Rajasthan 1043
Myllocerus discolor
  in India 1043, 4317
  on *Litchi chinensis,* in India 4317
  on *Pennisetum typhoides,* in Rajasthan 1043
Myllocerus maculosus (see *M. undecimpustulatus maculosus*)
Myllocerus undecimpustulatus
  control of, insecticides for 1918
  in India 1043, 1918, 4317
  on *Litchi chinensis,* in India 4317
  on maize, in India 1918
  on *Pennisetum typhoides,* in Rajasthan 1043
  on soy bean, in India 1918
Myllocerus undecimpustulatus maculosus
  biology of 1416
  control of, insecticides for 3251, 3785, 3930
  in India 1416, 3251, 3785
  in Pakistan 3930
  on *Cajanus cajan,* in Rajasthan 1416
  on cotton
    in Haryana 3251, 3785
    in Pakistan 3930
    in Rajasthan 1416
  on *Hibiscus esculentus,* in Rajasthan 1416
  on *Pennisetum typhoides,* in Rajasthan 1416
  on *Solanum melongena,* in Rajasthan 1416
Mymar behmani, parasitising, *Hypera* spp in North America 3531
Mymaridae, in Finland 4542
Myochrous, in Central America 1682
myopaeformis, Synanthedon, (*Sesia*)
Myothyria benoisti, taxonomy of, synony of *Ceracia mucronifera* 5067
Myothyria fergusoni, taxonomy of, transferred to *Ceracia* 2501
Myriapoda, in soil, effects of gases on 2
Myrica gale, Rheumaptera hastata on, in North America 296
Myristic acid (*see* Tetradecanoic acid)
Myrmecia
  control of 4693
  in New South Wales 4693
myrmeleon, Eulophonotus
Myrmica
  and soil habitat changes 2693
  population dynamics of 2682
  preying on, meadow invertebrates, in Poland 2694
  protein consumption by colonies of 26
Myrmica laevinodis, productivity of communities of 2679
Myrmica rubra
  aggregation in 4573
  biology of 1859
  in USSR 1859
Myrmica ruginodis
  biology of 1859
  food-transmission activity in 1820–182
  in West Germany 1820
Myrmica sabuleti americana
  foraging in 443

- ***rmica sabuleti americana*** *contd.*
  - n Canada 443
  - esting habits in 443
- **rmicacin** (*see* Decanoic acid, 3-hydroxy-, (*S*)-)
- **rmicinae,** alarm pheromones in 2996
- ***rmicocrypta,*** rectal enzymes in 4212
- **rmillini,** in Malagasy Republic 302
- **rtenol** (*see* Bicyclo[3.1.1]hept-2-ene-2-methanol, 6,6-dimethyl-)
- ***thimna convecta***
  - n Australia 4276
  - n sorghum, in Queensland 4276
- ***thimna impuncta,*** in Chile 2800
- ***thimna loreyi***
  - iology of 2705, 3682
  - n Egypt 2705
  - n maize, in Egypt 2705
  - n sugar-cane, in Egypt 2705
- ***thimna separata***
  - ntennal sensilla in 4072
  - n India 1121, 2816, 5094
  - n Japan 530, 1427
  - n South Korea 151
  - n grassland
    - forecasting infestations of 529–530
    - in Japan 530
  - n pea, in Rajasthan 1121
  - n rice, in Orissa 5094
  - n sorghum, in Japan 1427
  - n sugar-beet, in Rajasthan 2816
  - viposition in 1427
  - heromone-producing gland in 1296
  - ric acid in, effects of larval crowding on 1736
- ***thimna unipuncta***
  - ranulosis virus in
    - effects of 3645
    - effects on parasites of 3120
    - properties of 743
  - n India 2816
  - arval development in 19
  - onoccluded virus in 4425
  - uclear polyhedrosis virus in
    - effects of temperature on 1194
    - infectivity of, effects of granulosis virus on 4412
    - morphology of 1187
  - utrition of 19
  - n sugar-beet, in Rajasthan 2816
  - arasites of
    - effects of host granulosis virus on 3645
    - effects of host nuclear polyhedrosis virus on 5219
  - arasitised by, *Apanteles militaris* 3120, 3645, 5219
  - ost-embryonic development in 18
- ***tilaspidis, Aphytis***
- ***tilaspis,*** rearing of, techniques for 3058
- ***zocallis coryli***
  - ontrol of, insecticides for 4289
- ***Myzocallis coryli*** *contd.*
  - in Italy 2321
  - in Turkey 4289
  - on hazel
    - in Italy 2321
    - in Turkey 4289
  - preyed on by, *Deraeocoris ruber,* in Italy 2321
- ***Myzocallis discolor***
  - in USA 1544
  - on γ-irradiated *Quercus alba* 1544
- ***Myzocallis multisetis***
  - in USA 89
  - on maize, in Mississippi 89
- ***Myzocallis tuberculata***
  - in USA 1544
  - on γ-irradiated *Quercus alba* 1544
- ***Myzodes persicae*** (see *Myzus*)
- ***myzophagum, Praon***
- ***Myzus ascalonicus***
  - biology of 2804
  - control of 2804
  - in UK 2804
  - on lettuce, in UK 2804
- ***Myzus cannabis***
  - pea mosaic virus in, transmission of 3306
  - watermelon mosaic virus not transmitted by 735
- ***Myzus cerasi***
  - control of 4302
  - in Australia 4192, 4302
  - on cherry, in New South Wales 4192, 4302
  - pea mosaic virus in, transmission of 3306
  - preyed on by
    - *Coccinella repanda,* in New South Wales 4302
    - *Leis conformis,* in New South Wales 4302
  - turnip mosaic virus in, transmission of 3306
  - watermelon mosaic virus in, transmission of 735
- ***Myzus humuli***
  - biology of 571, 5127
  - control of 571
    - evaluation of sprays for 4731
    - insecticides for 121–122, 4732
  - demeton resistance in, in West Germany 4732
  - dimethoate resistance in, in West Germany 4732
  - disulfoton resistance in, in West Germany 4732
  - flight activity in 4186
  - in Czechoslovakia 121–122
  - in Norway 5127
  - in South Korea 265
  - in Switzerland 3190
  - in UK 571, 4186

Myzus humuli *contd.*
  in West Germany 4731
  life-cycle of 3190
  on hops
    in Czechoslovakia 121–122
    in Norway 5127
    in West Germany 4731–4732
  on plum
    damage caused by 571
    in Norway 5127
    in Switzerland 3190
    in UK 571
  parathion resistance in, in West Germany 4732
  pea mosaic virus in, transmission of 3306
  sharka virus in, transmission of 1569
  traps for 4186
  watermelon mosaic virus in, transmission of 735
Myzus ornatus
  food-plants of 4197
  in USA 4197
Myzus persicae
  alarm pheromone in 3474
  bean common mosaic virus in, transmission of 4792
  bean leaf-roll virus in, transmission of 4864
  beet mild yellowing virus in, transmission of 3868
  beet mosaic virus in
    transmission of 5239
      effects of oil on 3872
  beet yellows virus in, transmission of 4796
  biology of 417, 600, 1911, 2804
  buttercup mosaic virus in, transmission of 4371
  control of 2804
    in glasshouses 3935
    insecticides for 194, 206, 1126, 1131, 1204, 1206, 1458, 1495, 1949, 2377, 2455, 2807, 3208, 3742, 4457, 4914, 4941, 5152
    juvenile hormone analogues for 1205
  cowpea mild mottle virus not transmitted by 614
  cowpea mosaic virus in, transmission of 3234
  cucumber mosaic virus in, transmission of 730
  diazinon resistance in, and cross-resistance 2459
  enzymes in 2119
  false pea leaf-roll virus in, transmission of 2814
  fecundity in 349, 4099
  feeding behaviour in 1754, 4796
    effects of insecticides on 4130
    effects of sinigrin on 1701
  flight activity in 3523, 4136, 4186

Myzus persicae *contd.*
  food-plants of, in Turkey 4443
  fungi in, in Maine 3319
  growth in, not affected by dietary cytokinin 2986
  in Australia 4192
  in Belgium 4868
  in Brazil 1519, 5152
  in Canary Islands 1206
  in Chile 2800
  in China 5140
  in Cuba 1204
  in Czechoslovakia 5239
  in Egypt 1131, 1495, 1526
  in France 1766, 3935
  in India 1121, 1127, 3122
  in Japan 408
  in New Zealand 3713
  in Norway 5127
  in Poland 1126
  in Romania 1128
  in South Africa 600–601, 1479, 1911
  in South Korea 265
  in Spain 178, 1458, 2842, 3208, 3742
  in Turkey 4443, 4457
  in UK 2804, 4136, 4186–4187, 4347
  in USA 89, 194, 1205, 1949, 2377, 33 5128
  in West Germany 206
  in Yugoslavia 417
  insecticide resistance in
    in Czechoslovakia 5239
    mechanisms of 2461
  landing response in 4187
  life-cycle variation in 4126
  lucerne mosaic virus in, transmission o 150
  malathion resistance in, and cross-resistance 2459
  natural enemies of, in South Africa 6
  nonpersistent viruses in, transmission o 1754
  nymphal development in, effects of temperature on 876
  on broccoli, in China 5140
  on cabbage
    in China 5140
    in New South Wales 4192
    in South Africa 600–601, 1479, 191
    in Texas 194
    in West Bengal 3122
  on Chinese cabbage, in China 5140
  on chrysanthemum
    in Maryland 2377
    varietal preferences of 1532
  on cotton, in Brazil 1519
  on leek, in Belgium 4868
  on lettuce
    distribution pattern of 408
    in France 1766
    in Japan 408
    in UK 2804

Myzus persicae contd.
  on maize, in Mississippi 89
  on nectarine, in New South Wales 4192
  on pea, in Rajasthan 1121
  on peach
    assessing infestations of 5128
    distribution pattern of 5128
    in New South Wales 4192
    in Spain 178, 1458, 3208, 3742
    in Washington 1205, 5128
  on *Phaseolus vulgaris,* in Canary Islands 1206
  on plum, in Norway 5127
  on potato
    damage caused by 206
    in Brazil 5152
    in Cuba 1204
    in Egypt 1495, 1526
    in India 1127
    in Maine 3319
    in Poland 1126
    in Romania 1128
    in UK 4347
    in West Germany 206
  on radish
    effects of 2350–2351
    in China 5140
    in West Bengal 3122
  on spinach
    in China 5140
    in Texas 194
  on sugar-beet, effects of soil on 1317
  on tobacco
    in North Carolina 1949
    in Spain 2842
    in Turkey 4457
    in West Bengal 3122
  on tomato
    effects of soil on 1317
    in Egypt 1131
    in France 1766
  papaya distortion ringspot virus in, transmission of 2792
  papaya leaf reduction virus in, transmission of 192
  parasitised by
    Aphelinus asychis 908
    A. semiflavus 4224
    Diaeretiella rapae 1856
      in France 1766
    Praon myzophagum, in West Bengal 3122
  parathion resistance in, and cross-resistance 2459
  pea enation mosaic virus in
    effects of 331
    transmission of 4864
  pea leaf-roll virus in, transmission of 199, 3229, 3713
  pelargonium flower-break virus in, not transmitted 1149

Myzus persicae contd.
  Peru tomato virus in, transmission of 1567
  population dynamics of 2175, 5140
  potato aucuba-mosaic virus in, transmission of 4866
  potato leaf-roll virus in, transmission of 5215–5216
  potato virus Y in, transmission of 4866
  preyed on by
    Aphidoletes aphidimyza 2656
    Chrysopa perla 3456
    Coccinella septempunctata 4913
      and biological control using 4914
    Harmonia axyridis 4724
    Syrphidae 3664
    Syrphus corollae 2179, 4219
    S. ribesii 2179, 4219
  rearing of, diets for 349
  sharka virus in, transmission of 1569
  soy-bean mosaic virus in, transmission of 618
  subterranean clover red-leaf virus in, not transmitted 3713
  thiometon resistance in, and cross-resistance 2459
  tobacco mosaic virus in
    transmission of 239
      after treatment with poly-L-ornithine 4143
  traps for 4186
  triglycerides in 4083
  watermelon mosaic virus in, transmission of 735
  wing formation in, role of folic acid in 5008
Myzus varians
  in Switzerland 3190
  on peach, in Switzerland 3190
N-2596 (*see* Phosphonodithioic acid, ethyl-, *S*-(4-chlorophenyl) *O*-ethyl ester)
  3227
  4804
  4920
Nabis
  on lucerne, collection of 4657
  preying on, *Plathypena scabra,* in Iowa 148
Nabis alternatus
  in USA 112, 4816
  insecticides in, toxicity of 4816
  parasitised by, *Wesmaelia pendula,* in Arizona 112
Nabis americoferus
  in USA 112, 1520, 4818, 5166
  parasitised by, *Wesmaelia pendula,* in Arizona 112
  preying on
    Pectinophora gossypiella, in California 4818
    Spodoptera exigua, in California 1520
    Trichoplusia ni, in California 5166

- ***Nabis capsiformis***
  - in USA 112
  - parasitised by, *Wesmaelia pendula,* in Arizona 112
- ***Nabis feroides***
  - in Bulgaria 2279
  - in Yugoslavia 464
  - preying on, *Oulema melanopus,* in Yugoslavia 464
- **NAC** (*see* Carbaryl)
- ***nadari, Agriotes***
- ***Nadiasa acaciae*** (see *Streblote*)
- ***naenioides, Copitarsia***
- ***naevana, Rhopobota***
- ***Nala lividipes***
  - in Australia 4276
  - on sorghum, in Queensland 4276
- **Naled** (1,2-dibromo-2,2-dichloroethyl dimethyl phosphate)
  - against
    - *Ceratitis capitata* 1625, 2933
    - *Dacus cucurbitae* 1625
    - *D. dorsalis* 1625
    - *Discestra trifolii* 3094
    - *Drosophila melanogaster* 2933
    - *Euchrysops cnejus* 2353
    - *Heliothis armigera* 2353, 2815
    - *Maruca testulalis* 2353
    - *Myzus persicae* 4914
    - *Plusia chalcites* 2353
    - *Tetranychus urticae* 1941
    - *Trialeurodes vaporariorum* 4954
  - in cotton, toxicity of 1941
  - with azinphos-methyl, against, *Prays citri* 3753
- **Nalepellidae**, sperm storage in 2128
- ***nana, Lysibia,*** (*Hemiteles*)
- ***nanella, Recurvaria***
- **1-Naphthaleneacetic acid,** in *Citrus,* effects on mites of 3744
- **1,2-Naphthalenediol,** 1-(methylcarbamate), carbaryl metabolite, in *Bombyx mori* 802
- **1,4-Naphthalenediol,** 1-(methylcarbamate), determination of 1621
- **1,5-Naphthalenediol,** 1-(methylcarbamate), determination of 1621
- **1,6-Naphthalenediol,** 1-(methylcarbamate), determination of 1621
- **1,7-Naphthalenediol,** 1-(methylcarbamate), determination of 1621
- **1,4-Naphthalenedione, 2,3-dichloro-,** in apple, effects of 167
- **1,4-Naphthalenedione, 2-hydroxy-3-(3-methyl-2-butenyl)-,** in termites, effects on gut symbionts of 2272
- **1-Naphthalenol**
  - in soil, microbial products of 2075
  - methylcarbamate (*see* Carbaryl)
- **2*H*-naphtho[1,2-*b*]pyran, 6-methoxy-2,2-dimethyl-,** in termites, effects on gut symbionts of 2272
- ***napi, Ceutorhynchus***
- ***napi, Pieris***
- ***Napomyza carotae***
  - control of, insecticides for 1124
  - in West Germany 1124
  - on carrot
    - forecasting infestations of 1124
    - in West Germany 1124
- ***naqvii, Atherigona***
- ***Naranga aenescens***
  - in Japan 3536
  - parasitised by, *Pimpla naranyae* 2296
- ***narangae, Itoplectis*** (see *I. naranyae*)
- ***naranyae, Itoplectis,*** (*Pimpla*)
- ***Narcissus***
  - *Steneotarsonemus laticeps* on, in UK 1148
  - *Merodon equestris* on, in New Zealand 2852
- ***nasalis, Cermatulus***
- ***Nascia cilialis***
  - biology of 1927
  - descriptions of 1927
  - in Bulgaria 1927
  - on *Carex riparia* 1927
  - on *Cladium mariscus* 1927
  - on *Sesamum indicum,* in Bulgaria 192
- ***nasicornis, Oryctes***
- **Nasiman 73** (*see* Protein hydrolysate)
- ***Nasonia vitripennis***
  - fecundity in 1309
  - parasitising, *Sarcophaga bullata* 1309
  - sex ratio in 1309
- ***Nasonovia brachycyclica***
  - sp. n., description of 3184
  - in Czechoslovakia 3184
  - on gooseberry, in Czechoslovakia 3184
- ***Nasonovia lactucae*** (see *Hyperomyzus*)
- ***Nasonovia ribisnigri***
  - biology of 2804
  - control of 2804
  - in France 1766
  - in UK 2804
  - on lettuce
    - in France 1766
    - in UK 2804
- ***nasturtii, Aphis***
- ***Nasturtium officinale***
  - *Couchapelopsia melanops* on, in France 3761
  - *Metriocnemus* spp. on, in France 3761
- ***Nasutitermes corniger,*** social homeostasis 3143
- ***Nasutitermes exitiosus***
  - attractants for, *Eucarya spicata* extracts 3140
  - trail pheromone of, identity of 4237
- ***Nasutitermes nigriceps***
  - gut symbionts in
    - effects of drugs on 2697
    - effects of timber preservatives on 22
    - effects of wood extracts on 2272

2983 (*see* 1*H*-Benzimidazole, 5,6-lichloro-2-(trifluoromethyl)-)
  1624
rctaphidis, Trioxys
rctic region
  ecidomyiidi in 1676
  hrysocharis spp. in 4051
  ormica fusca group in 2506
  lorismenus spp. in 4043
  eromyza spp. in 2512
raska
  iabrotica virgifera in 1412–1413
    on lucerne 4011
    on maize 4011
  mpoasca fabae in, on lucerne 3175
  pilachna varivestis in, on *Phaseolus vulgaris* 3773
  tenodiplosis bromicola in, on *Bromus inermis* 3171
  herioaphis riehmi in, natural enemies of 4224
  trifolii in, natural enemies of 4224
ulosa, Cassida
remnus breviramulus, parasitising, *Hypera* spp., in North America 3531
robia rufipes
  India 4857
  whale skeleton, in Kerala 4857
tarine (*Prunus persica* var. *nectarina*)
  yzus persicae on, in New South Wales 4192
m (see *Azadirachta indica*)
lecta, Saissetia
lectus, Nesosteles
vamyrmex opacithorax
  USA 4695
  reying on, *Solenopsis richteri,* in Mississippi 4695
acide (*see* Dichlofenthion)
acur (*see* Phosphoramidic acid, (1-nethylethyl)-, ethyl 3-methyl-4-methylthio)phenyl ester)
  4797
apogon granellus
  ntrol of 722
  France 722
  wine-bottle corks, in France 722
atinae, on *Larix,* in Europe 1534
atocera, in Oriental region 90
atode DD-136, identity of 1993
atodes
  evelopment in, synchrony of host development and 3362
  entification of 3365

  bark beetles 3358
  insects, in Egypt 1382
  reyed on by, Collembola 4726
atus lonicerae, group of, taxonomy of 306
atus pavida
  ology of 5188
Nematus pavida *contd.*
  in Austria 5188
  on *Salix smithiana,* in Austria 5188
  parasitised by, *Exenterus amictorius,* in Austria 5188
  preyed on by, *Parus ater,* in Austria 5188
Nematus ribesii
  control of
    Bacillus thuringiensis for 3949
    Beauveria bassiana for 3949
  in USSR 3949–3950
  parasites of, in Lithuania 3950
  pathogens of, in Lithuania 3950
Nematus wahlbergi, group of, taxonomy of 306
Nemestrinidae, toxonomy of 4062
Nemocestes incomptus
  Beauveria bassiana in, pathogenicity of 3182
  in Canada 3182
  Metarhizium anisopliae in, pathogenicity of 3182
  on strawberry, in British Columbia 3182
Nemolecanium abietis, in USSR 2853
nemoralis, Acantholyda (see *A. pinivora*)
nemoralis, Anthocoris
nemoralis, Carabus
Nemorilla pyste
  in USA 1145
  parasitising, *Acrobasis indigenella,* in Illinois 1145
nemorum, Anthocoris
nemorum, Phyllotreta
Nemosoma elongatum, in USSR 3955
nenuphar, Conotrachelus
Neoaplectana agriotos, taxonomy of, considered a synonym of *N. carpocapsae* 728
Neoaplectana carpocapsae
  against
    insects 3363
    Leptinotarsa decemlineata 3360
    Pachydiplosis oryzae 4263
    Tipula paludosa 3887
  in
    Vespula spp., pathogenicity of 3925
    V. atropilosa, pathogenicity of 3925
    V. pensylvanica, pathogenicity of 3925
  moisture requirements of 3361
  rearing of, techniques for 728
  taxonomy of, *Neoaplectana dutkyi* as synonym of 1993
  with *Bacillus thuringiensis,* against, *Tipula paludosa* 3887
Neoaplectana dutkyi, taxonomy of, synonym of *N. carpocapsae* 1993
Neoaplectana glaseri, cuticular abnormality in 1992
neocaledonicus, Tetranychus

- **Neocembrene-A** (*see* 1,5,9-Cyclotetradecatriene, 1,5,9-trimethyl-12-(1-methylethenyl)-)
- ***Neochrysocharis,*** parasitising, *Phytomyza horticola,* in Madhya Pradesh 1841
- ***Neochrysocharis moczari***
  - sp. n., description of 4042
  - in Hungary 4042
  - parasitising, *Melanagromyza* spp., in Hungary 4042
- ***Neoconocephalus triops,*** in Virgin Islands 4141
- ***Neodichopelmus samoanus***
  - gen. et sp. n., description of 1665
  - in Western Samoa 1665
  - on *Codiaeum,* in Western Samoa 1665
- ***Neodindymus flavipes,*** reproductive abnormalities in 4585
- ***Neodiprion,*** evolution of 3292
- ***Neodiprion abietis***
  - in Canada 3286, 3291
  - in USA 3291
  - on *Abies balsamea,* in Ontario 3286
  - photoperiodism in 3286
  - strains of 3291
- ***Neodiprion excitans***
  - in USA 717
  - on *Pinus clausa,* in Florida 717
  - preyed on by, *Endasys subclavatus,* in Florida 717
- ***Neodiprion lecontei***
  - in USA 5186
  - neuroendocrine organs in 867
  - on *Pinus,* in Illinois 5186
- ***Neodiprion pinetum***
  - in USA 5186
  - on *Pinus,* in Illinois 5186
- ***Neodiprion pratti pratti***
  - in USA 5186
  - on *Pinus,* in Illinois 5186
- ***Neodiprion sertifer***
  - *Birdiavirus diprionis* in, in USSR 1183
  - control of 218
    - *Bacillus thuringiensis* for 4847
    - insecticides for 4846
    - microbial 834
    - viruses for 4846
  - dark inclusions in, effects of 1572
  - diapause in 4374
  - food-plants of 218
  - haemocytes in 4066
  - in Austria 4846–4847
  - in Canada 1395
  - in Czechoslovakia 834
  - in USA 5186
  - in USSR 218, 1183
  - natural enemies of 218, 2871
  - on *Pinus*
    - damage caused by 5194
    - in Austria 4847
    - in Illinois 5186
  - on *Pinus nigra,* in Austria 4846
- ***Neodiprion sertifer** contd.*
  - on *Pinus sylvestris,* in Austria 4846
  - parasitised by
    - *Dahlbominus fuliginosus* 4100
    - *Lophyroplectus luteator,* and biologi control using, in Ontario 1395
  - preyed on by, *Omophlus* spp., in Austr 4846
- ***Neodiprion swainei***
  - neuroendocrine organs in 867
  - nuclear polyhedrosis virus in, effects of sunlight on 2436
  - parasitoid complexes of, development o 1334
- ***Neodiprion taedae linearis***
  - in USA 4874, 5186
  - nuclear polyhedrosis virus in
    - and biological control using 4874
    - in Arkansas 4874
  - on *Pinus,* in Illinois 5186
  - on *Pinus taeda,* in Arkansas 4874
- ***Neodiprion tsugae***
  - in USA (Alaska) 2259
  - parasitised by
    - *Adelognathus dorsalis,* in Alaska 2
    - *Gelis apantelis,* in Alaska 2259
    - *G. tenellus,* in Alaska 2259
    - *Mastrus hydrophilus,* in Alaska 22
    - *Scambus decorus,* in Alaska 2259
- ***Neodrepta luteotactella***
  - food-plants of 4370
  - in Australia 4370
- ***Neoitamus bulbus***
  - in New Zealand 720
  - predatory behaviour in 720
- ***neomexicana, Rhyacionia***
- **Neomycin**, in *Tribolium,* not affecting mortality from X-irradiation 1190
- ***Neomyzus circumflexum*** (see *Aulacorth*
- ***neoniger, Lasius***
- ***Neophilaenus lineatus***
  - in UK 2177
  - parasitised by, *Verrallia aucta,* in UK 2177
  - population dynamics of 2177
- **Neoron** (*see* Benzeneacetic acid, 4-bromo (4-bromophenyl)-α-hydroxy-, 1-methylethyl ester)
  - 3744
  - 4774
- ***Neoseiulus barkeri*** (see *Amblyseius*)
- ***Neoseiulus fallacis*** (see *Amblyseius*)
- ***Neotermes greeni***
  - control of, fumigants for 4367
  - in Sri Lanka 4367
  - on tea, in Sri Lanka 4367
- **Neotran** (1,1′-[methylenebis(oxy)]bis[4-chlorobenzene])
  - with chlorfensulphide, and bis(4-chlorophenyl) disulfide, against, *Acarapis woodi* 2659
- **Nepal**, *Phyllonorycter* spp. in 1670

hereus, Chrysocharis

hotettix
- ontrol of, insecticides for 3164
- n rice
  - in India 3164
  - resistance to 4258

***hotettix apicalis* auct.** (see *N. nigropictus*)

hotettix cincticeps
- iesterase in 3483
- lack forms of 2540
- ontrol of, insecticides for 1044, 1420–1421, 2730
- ight activity in 368
- n Japan 367, 521, 758, 920, 932, 1200, 2730, 3372, 4268, 5096
- secticide susceptibility in, in Japan 758, 1200
- n rice, in Japan 367, 521, 920, 932, 2730, 3372, 4268, 5096
- verwintering in 932
- arasitised by
  - *Alloneura oryzaetora* 454
  - *Dorilas cruciator* 454
  - *D. orientalis* 454
  - *D. tsuboii* 454
  - *Japania andoi,* in Japan 367
- opulation dynamics of 367, 932, 3372
- redators of, effects of insecticides on, models of 5096
- reyed on by
  - *Lycosa* spp.
    - in Japan 5096
    - models of 5096
  - *L. pseudoannulata* 2734
- ropoxur susceptibility in 3483
- ce dwarf virus in, models for transmission of 2297
- ce yellow dwarf disease, causal agent in, transmission of, effects of antibiotics on 4751

hotettix impicticeps (see *N. virescens*)

hotettix nigropictus
- ontrol of, insecticides for 4266
- n rice 4262
- adi jantan disease, causal agent in, not transmitted 3166
- enyakit merah virus in, not transmitted 3166
- ce yellow dwarf disease, causal agent in, transmission of 3165, 4266
- ngro virus in, transmission of 4266

hotettix virescens
- ology of 3166
- ontrol of 1872
  - insecticides for 3166, 4263, 4266–4267
  - India 4263
  - Malaysia 3163, 3166, 4271
  - Philippines 1872
- n rice 4262
  - damage caused by 3166
  - in India 4263

Nephotettix virescens *contd.*
- on rice *contd.*
  - in Malaysia 3163, 3166, 4271
  - in Philippines 1872
  - resistance to 4260–4261
- padi jantan disease
  - causal agent in
    - in Malaysia 3163, 4271
    - transmission of 3166, 4271
- penyakit merah virus in, transmission of 3166, 3696
- rice yellow dwarf disease, causal agent in, transmission of 3165, 4266
- tungro virus in
  - in Bihar 4263
  - in Uttar Pradesh 4263
  - in West Bengal 4263
  - transmission of 4266

Nephridiophaga forficulae, in, *Forficula auricularia* 71

Nephus
- preying on
  - *Saccharicoccus sacchari*
    - and biological control using, in Barbados 4247
    - in Barbados 4247

Nephus quadrimaculatus
- in Iran 5113
- preying on, *Parlatoria blanchardii,* in Iran 5113

Nephus regularis
- in India 1012, 4229
- parasitised by, *Homalotylus quaylei,* in Madhya Pradesh 4229
- preying on, *Ferrisia virgata,* in Madhya Pradesh 4229

Nepticula, parasitised by, *Derostenus* spp., in North America 2504

Nepticula malella (see *Stigmella*)

Nepytia freemani, in Canada 2386

Nepytia semiclusaria
- biology of 3835
- in USA 2390, 3835
- on *Pinus,* in Georgia (USA) 3835
- on *Pinus echinata*
  - damage caused by 2390
  - in Georgia (USA) 2390
- on *Pinus taeda*
  - damage caused by 2390
  - in Georgia (USA) 2390

Neral (*see* 2,6-Octadienal, 3,7-dimethyl-, (*Z*)-)
2132

nerii, Aphis

nerii, Aspidiotus

Nerium oleander
- *Aphis nerii* on, in Egypt 1765
- *Phenacaspis cockerelli* on, in Florida 2590
- *Pseudaulacaspis pentagona* on, in New Caledonia 2764

nerteria, Stomopteryx (see *Biloba subsecivella*)
Nesosteles neglectus
  in USA 4278
  on *Cynodon dactylon,* in Louisiana 4278
Netherlands
  Adoxophyes orana in, on apple 1461, 3475–3476, 3614
  Bruchidius ater in, on *Sarothamnus scoparius* 1025
  brussels sprouts in, pests of 195
  Bupalus piniarius in, on *Pinus* 3377
  Drepanosiphum dixoni in, on *Acer* 849
  Formica polyctena in, intraspecific competition in 2687
  F. rufa in, natural enemies of 2686
  Heterarthrus vagans in, on *Alnus* 3671
  Hylemya antiqua in, on onion 3912
  H. brassicae in, natural enemies of 3615
  Lasius fuliginosus in, natural enemies of 2686
  Lepidosaphes ulmi in
    natural enemies of 2326
    on apple 2326
  Masonaphis lambersi in, on rhododendron 2379
  Metallus pumilus in
    on blackberry 2313
    on raspberry 2313
  Myelophilus piniperda in, on *Pinus* 698
  Operophtera brumata in, on apple 1461
  Opogona sacchari in, on *Strelitzia* 2378
  Pegomya nigritarsis in, on *Rumex nigritarsis* 2277
  pesticide use in 2062
  Philanthus triangulus in 1851
  Phytoseiidae in, on fruit trees 1080
  Psylla spp. in 3738
  P. pyri in, on pear 3738
  Stigmella basalella in, on *Fagus* 2387
  S. malella in
    natural enemies of 456
    on apple 456
  S. plagicolella in
    on plum 2331
    on *Prunus spinosa* 2331
  S. pyri in
    natural enemies of 2330
    on pear 2330
  Subcoccinella vigintiquattuorpunctata in 5037
  Tortricidae in, on apple 5124
Nettle, *Cynthia cardui* on, development of 4190
neubergi, Cinara
Neurogalesus militis
  sp. n., description of 3665
  in Australia 3665
  parasitising, *Altermetoponia rubriceps,* in New South Wales 3665
Neuroptera, in Afghanistan 391
Neurospora sitophila, in, *Tenebrio molit* effects of 4414
Neurotoma flaviventris
  fungi in, in Lithuania 3948
  in USSR 3948
neustria, Malacosoma
Neutrons, fast, effects of, on, *Adoxophye orana* 3015
nevadensis, Zootermopsis
New Brunswick
  Choristoneura fumiferana in 2399, 48
    on *Abies* 3273
  Coleophora serratella in, on *Betula* 4
  Dasineura balsamicola in, on *Abies* 5
  Fenusa pusilla in, on *Betula* 4051
New Caledonia
  Aspidiotus nerii in, natural enemies of 2764
  Brontispa longissima in, on coconut 3652
  Chrysomphalus aonidum in, natural enemies of 2764
  Lepidosaphes beckii in, natural enemie 2764
  Pseudaonidia trilobitiformis in, natura enemies of 2764
  Pseudaulacaspis pentagona in, natural enemies of 2764
New Hampshire
  Dioryctria reniculelloides in 2511
  Polydrusus cervinus in 4152
New Hebrides
  Aspidiotus destructor in, natural ene of 2764
  Aulacaspis tubercularis in, natural enemies of 2764
New Jersey
  Dioryctria reniculelloides in 2511
  Lymantria dispar in 2391
    on *Quercus* 220, 4831
  Polydrusus cervinus in 4152
  Popillia japonica in 2497, 3567
  Subcoccinella vigintiquattuorpunctata 5038
    in pasture 5037
New Mexico
  Agriphila plumbifimbriella in 4077
  Crambus harpipterus in 4077
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
New South Wales
  Altermetoponia rubriceps in
    natural enemies of 3665
    on sugar-cane 3665, 4734
  ants in 4693
  aphids in 4192
  Aulacophora hilaris in, on cucurbits 4325
  Chortoicetes terminifera in 2639, 26
  Cicadulina bimaculata in 4245
  Cosmopolites sordidus in, on banana 4782

w South Wales *contd.*
  Dacus tryoni in 3032
    on guava 2341
  Forficula auricularia in 4193
  Hymenia recurvalis in, on beet 3237
  Lantana camara in, *Plagiohammus spinipennis* for biological control of 4241
  Lepidosaphes macella in, on *Macadamia* 4288
  Myzus cerasi in
    natural enemies of 4302
    on cherry 4302
  Neodrepta luteotactella in, on *Macadamia* 4370
  Pseudaulacaspis brimblecombei in, on *Telopea speciosissima* 4288
  Sensoriaphis furcifera in, on *Nothofagus* 2095
  oy bean in, pests of 4337
  tored grain in, pests of 2888
  Thrips imaginis in, on apple 2778
w York State
  Amphimallon majalis in, on *Prunus* 1796
  aphids in 2599
  Argyrotaenia velutinana in, on apple 4773
  Ataenius spretulus in
    natural enemies of 4760
    on grasses 4760
  Chrysopa carnea in 3505
  Dioryctria reniculelloides in 2511
  Epinotia aceriella in
    natural enemies of 683
    on *Acer* 683
  Hylemya platura in
    on bean 3227
    on maize 3227
    on pea 3227
  ucerne in
    arthropods associated with 532, 1446
    spiders associated with 533
  Marmara spp. in, on *Fraxinus* 1161
  Panonychus ulmi in, on apple 1093
  Rhopalomyia hirtipes in, on *Solidago juncea* 5175
  Taniva albolineana in, on *Picea* 3841
w Zealand
  Agrotis ipsilon in, natural enemies of 4698
  Aphidoidea in 3541
  aphids in 420
    natural enemies of 4560
  Aphis gossypii in, on *Hibiscus* 4560
  Cavariella aegopodii in, on carrot 4856
  Chilonini in 3442
  Coleophora spp. in, natural enemies of 4698
  C. spissicornis in, on *Trifolium* 1808
  C. trifolii in, on *Trifolium* 1808
  Costelytra zealandica in 4251

New Zealand *contd.*
  Costelytra zealandica in *contd.*
    in pasture 5103
    natural enemies of 2006, 2446, 4281, 4698, 4883
  Crustacea in, DDT residues in 2490
  Dendroblax earlii in, in telephone poles 3861
  Eudonia spp. in, natural enemies of 3878
  Eumerus strigatus in 2852
  fish in, DDT residues in 2490
  Gascardia destructor in, on *Citrus* 1809
  Heteronychus arator in, natural enemies of 3651
  honey bees in, natural enemies of 483
  Hyperodes bonariensis in, natural enemies of 4281, 4698
  Hyperomyzus lactucae in 1568
  Lampides boeticus in, on *Ulex europaeus* 4697
  Macrosiphum rosae in, on roses 4560
  man in, insecticide residues in 2934
  Merodon equestris in 2852
  molluscs in, DDT residues in 2490
  Neoitamus bulbus in 720
  Nysius huttoni in, natural enemies of 4698
  Panonychus ulmi in 1807
    on apple 2779
  Pantomorus cervinus in 1810
  Paropsis charybdis in, on *Eucalyptus* 719
  phytophagous Hymenoptera in 1259
  Prionoplus reticularis in, on *Pinus* 2856
  Pseudococcidae in 2086
  Rhopalosiphum padi in, on maize 4560
  Salmo gairdneri in, DDT residues in 1207
  Sirex noctilio in 4238, 5230
  Teleogryllus commodus in 4215
    natural enemies of 3651
  Tenuipalpus spp. in 4056
  Tetranychus urticae in
    on black currant 274
    on strawberry 274
  Toxoptera citricida in, on *Citrus* 4560
  Tyria jacobaeae in, on *Senecio jacobaea* 4239
  Wiseana spp. in, natural enemies of 1069, 4698
  W. cervinata in, natural enemies of 2446, 3878
  wood- and bark-boring insects intercepted at ports in 3301
  Zapyrasta calliphana in, on *Muehlenbeckia* 4543
Newfoundland
  aphids in 4150
  Coleophora serratella in, on *Betula* 4051
  Fenusa pusilla in, on *Betula* 4051
  Lambdina fiscellaria in
    natural enemies of 1853
    on *Abies* 1836, 1853, 3318

Newfoundland *contd.*
  Otosema odorata in 2598
Nexion (*see* Bromophos)
Nezara antennata
  in Japan 1868
  on rice, in Japan 1868
Nezara viridula
  control of, insecticides for 4750
  in Australia 4337
  in Malaysia 4750
  in USA 1557, 3702
  in Virgin Islands 4141
  on rice, in Malaysia 4750
  on sorghum, in Georgia (USA) 3702
  on soy bean
    damage caused by 1488, 1557
    in New South Wales 4337
  urea formation in 352
ni, Trichoplusia, (*Phytometra*)
NIA-10242 (*see* Carbofuran)
NIA-18739 (*see* Bioresmethrin)
NIA-24110 (*see* Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-)
NIA-26021 (*see* Resmethrin, (1*R-cis*)-)
Nicaragua
  cotton production in 4362
  Rhyacionia frustrana in, on *Pinus* 3264
  Rhynchophorus palmarum in, natural enemies of 862
nicaraguensis, Euschistus
Nicoletia, genital region in 1276
Nicotiana, buttercup mosaic virus in, infectivity of 4371
Nicotiana glutinosa, tobacco mosaic virus in 4869
Nicotiana tabacum (see Tobacco)
Nicotine (*see* Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (*S*)-)
Nicotinic acid, in *Itoplectis conquisitor,* dietary requirement for 350
Nidicola marginata, biology of 111
niger, Coptotermes
niger, Grammophorus
niger, Lasius
Niger oil (see *Guizotia abyssinica*)
niger, Peterostichus
Nigeria
  Acridoidea in 3634
  Antigastra catalaunalis in, on *Sesamum indicum* 4807
  ants in, on cacao 5171
  Asphondylia sesami in, on *Sesamum indicum* 4807
  Atherigona soccata in, on sorghum 1061
  Bemisia tabaci in, on *Sesamum indicum* 4807
  Bunaea alcinoe in, on trees 3283
  Diclidophlebia eastopi in, on *Triplochiton scleroxylon* 5181
Nigeria *contd.*
  Diclidophlebia contd.
  D. harrisoni in, on *Triplochiton scleroxylon* 5181
  Diparopsis watersi in, natural enemies 1393
  Eupatorium odoratum in, *Ammalo insulata* for biological control of 3
  Ferrisia virgata in 4365
  Heteroligus meles in, on yam 2361
  Heteroptera in, on cacao 1528
  Imbrasia epimethea in, on trees 3283
  Locusta migratoria in 4206, 4681
  pest control in 3919
  Phalanta phalantha in, on *Populus* 43
  Planococcoides njalensis in 4365
  Podagrica spp. in, on cotton 1522
  Pyralidae in, on Meliaceae 4842
  Pyrrhalta placida in 3693
  Sahlbergella singularis in, on cacao 12 2917
  stored products in, insect damage to 3848
  Tridactyloidea in 3634
  Zonocerus variegatus in 3631, 5055
nigra, Parasaissetia, (*Saissetia*)
nigrapici, Malacosoma neustria
nigricans, Euxoa
nigricans, Formica
nigricans, Hylesia
nigriceps, Cardiochiles
nigriceps, Cybocephalus
nigriceps, Nasutitermes
nigricornis, Elatophilus
nigricornis, Oecanthus
nigricornis, Trioza
nigrifrons, Belvosia
nigrifrons, Graminella
nigripalpus, Linnaemya (see *L. concavicornis*)
nigripes, Stethorus
nigrisigna, Autographa, (*Plusia*)
nigritarius, Cratichneumon
nigritarsis, Pegomya
nigrivenella, Mussidia
nigrobilineata, Monolepta
nigrolineata, Panera
nigronervosa, Pentalonia
nigropictus, Cryptus
nigropictus, Nephotettix
nigrorepletus, Hieroglyphus
Nigrospora oryzae, Siteroptes reniformis 213
nikolskajae, Protaphelinus, (*Aphelinus*)
Nilaparvata lugens
  Conidiobolus spp. in, in Japan 1182
  control of 1872
    insecticides for 1420–1421, 2730
  flight activity in 767
  grassy stunt virus in, transmission of 3165
  in Japan 767, 1182, 2730, 3372

***aparvata lugens* contd.**
n Philippines 1872
n rice 4262
  in Japan 2730, 3372
  in Philippines 1872
  resistance to 1425, 4258, 4260
opulation dynamics of 3372
ionidae, defence glands in 4566
oticus, Heterocerus
aecoccus vastator
n South Africa 999
n *Citrus,* in South Africa 999
n *Jacaranda,* in South Africa 999
arasitised by
  Alamella kerrichi, in South Africa 999
  Gyranusoidea munda, in South Africa 999
earing of, techniques for 3058
agin (*see* Benzoic acid, 4-hydroxy-, methyl ester)
sol (*see* Acetamide, 2-fluoro-*N*-methyl-*N*-1-naphthalenyl-)
  2924
  4906
etis, Chrysocharis
ida, Amblypelta
ida, Cotinis
ida, Lampronata
ida, Telsimia
idalis, Diaphania
idulidae
ttraction of, to *Myelophilus piniperda* pheromone 4840
Ceratocystis fagacearum in, transmission of 4830
idulus, Homorocoryphus
idus, Orgilus
trate, in *Lygus disponsi,* activating salivary amylase 4089
trogen
n *Corcyra cephalonica,* effects on larval heart of 1699
n *Cornus florida* leaves, effects of *Aegeria scitula* infestation on 3834
n maize, effects of insecticide-fertilizer mixtures on 2042
in mango, not related to susceptibility to *Mycetaspis personata* 2790
in *Myzus persicae* diet, improving fecundity 349
in okra, effects on insect pests of 3220
in soil, effects on arthropods of 2166
trogen fixation, in termites 3669
ue Island
Cicadellidae in 4552
Dermaptera in 4561
Issidae in 4552
uensis, Empoasca
vea, Flatopsis
vella, Scirpophaga
via, Asioreas
alensis, Planococcoides, (*Pseudococcus*)
noacki, Cales
nobilis, Scutellera (see *S. perplexa*)
noctilio, Sirex, (*Paururus*)
Noctua pronuba
  in UK 3218, 3221
  on cruciferous crops, in UK 3221
Noctuidae
  in Kazakhstan 54
  in Tadzhikistan 5159
  in Ukraine 2256
  in USSR 51
  in Yugoslavia 4932
  larvae of, distinguishing sexes of 2105
  morphology of 2104
  reproductive isolation in 341
  taxonomy of, characters for, male abdominal brush-organs as 852–853
  traps for 4171
noctuides, Dalaca
Nodamura virus
  in
    Apis mellifera, pathogenicity of 742
    Galleria mellonella, pathogenicity of 742
nodieri, Oxypleurus
nodifer, Aridius
Nogos (*see* Dichlorvos)
Nola sorghiella
  in USA 3702
  on sorghum, in Georgia (USA) 3702
nolophanae, Rogas
Nomadacris septemfasciata
  biology of 4209
  control of 4209
    insecticides for 432
  in Africa 4209
  in Tanzania 432
  locustol not produced in 433
  swarm formation in 432
nomas, Tentyria
Nomia melanderi
  in USA 1881
  on lucerne, in Washington 1881
Nonachlor (*see* 4,7-Methano-1*H*-indene, 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-)
***trans*-Nonachlor** (*see* 4,7-Methano-1*H*-indene, 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-, ($1\alpha,2\beta,3\alpha,3a\alpha,4\beta,7\beta,7a\alpha$)-)
Nonacosane, in *Melanoplus sanguinipes* diet, not incorporated into cuticular lipids 4204
2,6-Nonadienoic acid, 9-(3,3-dimethyloxiranyl)-3,7-dimethyl-
  ethyl ester, (?,*E*)-, effects of, on, *Trypodendron lineatum* 890
  methyl ester, in *Manduca sexta,* assay for 1653
  methyl ester, [*R*-(*E,E*)]-, *Manduca sexta* juvenile hormone 2873

2,6-Nonadienoic acid, 3,7-dimethyl-9-(trimethyloxiranyl)-
  ethyl ester
    against
      Acyrthosiphon pisum 1588
      Amphorophora agathonica 1588
      Ostrinia nubilalis 3681
    in maize, toxicity of 3681
2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-
  in insects, metabolite of cecropia C_{18} hormone 3473
  methyl ester
    against
      Draeculacephala crassicornis 4986
      Ostrinia nubilalis 3681
    in *Adoxophyes orana,* JH activity of 2561
    in *Bombyx mori,* JH activity of 3471
    in *Choristoneura fumiferana,* effects of 1589
    in *Drosophila melanogaster,* JH activity of 2131
    in *Galleria mellonella,* JH activity and metabolic stability of 1290
    in insects, metabolism of 3473
    in maize, toxicity of 3681
    in *Manduca sexta,* assay for 1653
    in *Tenebrio molitor*
      influence of age on effects of 4589
      JH activity and metabolic stability of 1290
      morphogenetic effects of 2957
      not affecting cuticle amino acids 339
    juvenile hormone activity of geometric isomers of 1605
    with ecdysterone, in *Tenebrio molitor,* morphogenetic effects of 2957
  methyl ester, (*E,E*)-*cis*-
    in *Blattella germanica,* effects of 1605
    in *Choristoneura fumiferana,* effects on eggs of 4854
    in *Dysdercus cingulatus,* effects of 1605
    in *Gryllus bimaculatus,* effects of 1724
    in *Locusta migratoria,* effects of 1724
    in *Polistes metricus,* reversing adult diapause 1301
    in *Sitophilus granarius,* effects of 1605
    juvenile homone activity related to structure of 2562
  methyl ester, (*E,Z*)-*cis*-, in *Dysdercus cingulatus,* effects of 1605
  methyl ester, [2*R*-[2α(*E,E*),3α]]-, JH activity and metabolic stability of 1290
2,6-Nonadienoic acid, 7-ethyl-3-methyl-9-(3-methyl-3-propyloxiranyl)-, methyl ester, juvenile hormone activity of, with, *Bombyx mori* 3471
2,6-Nonadienoic acid, 9-(3-ethyl-3-methyloxiranyl)-3,7-dimethyl-
  methyl ester
    in *Manduca sexta,* assay for 1653
    with ecdysterone, in *Tenebrio molito*
      inhibiting development 4101
nonagrioides, Sesamia
3-Nonanone, *Myrmica rubra* responses to
  4573
6-Nonenoic acid, methyl ester, (*E*)-, *Cera*
  capitata sex pheromone 2566
6-Nonen-1-ol
  (*E*)-, *Ceratitis capitata* sex pheromone 2566
  acetate, (*E*)-, *Dacus cucurbitae* oviposit
    stimulant 3419
nordmannianae, Adelges
Norepinephrine (*see* 1,2-Benzenediol, 4-(
  amino-1-hydroxyethyl)-, (*R*)-)
Norfolk Island, *Zapyrasta calliphana* in,
  Muehlenbeckia 4543
North Carolina
  Adelges piceae in, on *Abies* 1957, 437
  arthropod communities in, in forest canopies 5185
  Dioryctria taedae in, on *Pinus* 4061
  Epitrix hirtipennis in, on tobacco 194
  Heliothis virescens in 4593
    natural enemies of 5059
    on tobacco 1527, 1949
  H. zea in, natural enemies of 5059
  Manduca sexta in, natural enemies of 5059
  Megastigmus specularis in, on *Abies* 1957
  Murgantia histrionica in, on cruciferou
    crops 4785
  Myzus persicae in, on tobacco 1949
  Pieris rapae in, natural enemies of 50
  Plutella xylostella in, natural enemies o
    5059
North Dakota
  Leperisinus californicus in, on *Fraxinus* 1970
  L. criddlei in, on *Fraxinus* 1970
Northern Territory
  Cicadulina bipunctella in 4245
  wildlife in, pesticide residues in 2955
nortoni, Megarhyssa
Norway
  Aphis pomi in, on plum 5127
  Brachycaudus cardui in, on plum 512
  B. helichrysi in, on plum 5127
  Dolycoris baccarum in 3504
  Epirrita autumnata in, on *Betula* 2385
  Hyalopterus pruni in, on plum 5127
  Hylemya antiqua in, on onion 3241
  H. floralis in
    on swede 2573
    on turnip 2573
  Myzus humuli in, on plum 5127
  M. persicae in, on plum 5127

Norway *contd.*
  Operophtera brumata in, on *Betula* 2385
  O. fagata in, on *Betula* 2385
  spiders in, on strawberry 5114
Nosema
  in
    Hyphantria cunea, pathogenicity of 3339
    Lambdina fiscellaria, in Quebec 3272
Nosema campoletidis
  sp. n., description of 3311
  in
    Campoletis sonorensis 3335
      in North Carolina 3311
Nosema cardiochilis
  sp. n., description of 3311
  in, *Cardiochiles nigriceps* 3311, 3335
Nosema carpocapsae, in, *Archips rosanus,* in Lithuania 3950
Nosema fumiferanae
  in
    Choristoneura fumiferana 3284
    Malacosoma californicum 3284
  spores of
    effects of temperature on 3284
    effects of UV-irradiation on 3284
Nosema heliothidis
  in
    Campoletis sonorensis 3311, 3335
    Cardiochiles nigriceps 3311
    Heliothis virescens 3311, 3335
    H. zea 3311, 3335
Nosema heterosporum
  in
    Mamestra brassicae, pathogenicity of 3326
    Plodia interpunctella, effects of 2008
Nosema invadens
  sp. n., description of 5224
  in
    Amyelois transitella, infectivity of 5224
    Ephestia cautella, in California 5224
    E. elutella, infectivity of 5224
    E. figulilella, in California 5224
    Galleria mellonella, infectivity of 5224
    Plodia interpunctella, infectivity of 5224
Nosema locustae, in, grasshoppers, and biological control using, in Montana 531, 5221
Nosema necatrix, in, *Heliothis virescens,* biological control with 1527
Nosema plodiae
  in
    Mamestra brassicae
      effects of 4081, 5223
      pathogenicity of 3326
    Plodia interpunctella, transovarial transmission of 5220
Nosema whitei
  in
    Oryzaephilus surinamensis 3314
    Tribolium anaphe 3314
    T. castaneum 3314–3315
      effects of 241
      infectivity of 3342
      pathogenicity of 1192, 3316
    T. confusum 3314
  morphology of 3314–3315
  spores of, storage of 3342
notabilis, Acontia, (*Tarache*)
notabilis, Phylloxera
notata, Euxesta
notatus, Pissodes
notatus, Platypalpus
Nothofagus, insects associated with 3599
Nothofagus moorei, Sensoriaphis furcifera on, in New South Wales 2095
Notiophilus, marking of 4170
Notodonta dromedarius
  in USSR 2855
  on *Betula,* in USSR 2855
Notoxus anchora
  in Canada 4702
  on lucerne, in Ontario 4702
  on oats, in Ontario 4702
  on wheat, in Ontario 4702
  parasitised by, *Syrrhizus agilis,* in Ontario 4702
Notoxus calcaratus
  in USA 4818
  preying on, *Pectinophora gossypiella,* in California 4818
Nova Scotia
  Agriotes obscurus in, in grassland 2306
  Coleophora serratella in, on *Betula* 4051
  Fenusa pusilla in, on *Betula* 4051
novellus, Chrysocharis (see *C. nitetis*)
NS-2662 (*see* Phosphonic acid, (2,2-dichloro-1-hydroxyethyl)-, dimethyl ester)
    1232
    2486
    2943
nubiferana, Hedya
nubigera, Heliothis
nubilalis, Ostrinia, (*Pyrausta*)
nubilus, Scymnus
Nuclease, deoxyribo-, in *Bacillus thuringiensis* serotypes 3901
Nuclease, hybrid ribo-, in *Bacillus thuringiensis* serotypes 3901
Nucleic acids
  in *Bombyx mori* cytoplasmic polyhedrosis virus 4898
  in *Hadena sordida* granulosis virus 1184
  in *Tenebrio molitor,* effects of ecdysone and JH on synthesis of 4101
Nucleotidase, in insects, inhibited by β-exotoxin of *Bacillus thuringiensis* 770

Nucleotidyltransferase, ribonucleate, DNA-dependent, in insects, inhibited by β-exotoxin of *Bacillus thuringiensis* 770
Nuculaspis californica
  in USA 3820
  on *Pinus,* in USA 3820
  on *Pseudotsuga menziesii,* in USA 3820
  parasites of, in USA 3820
  predators of, in USA 3820
nucum, Curculio, (*Balaninus*)
Nudaurelia, parasitised by, *Mesocomys pulchriceps* 1379
Nudaurelia belina (see *Gonimbrasia*)
Nudaurelia cytherea cytherea
  sex pheromone of, identification of 3465
  ε virus in, serology of 5213
  β virus in, serology of 5213
nudibasis, Actia
nudiseta, Atherigona (see *A. falcata*)
nudus, Heterococcus (see *H. pulverarius*)
nudus, Saniosulus
nuesslini, Dreyfusia (see *Adelges nordmannianae*)
Nufilm 17, surfactant for, benomyl formulations 4000
Numida meleagris (see Guinea-fowl)
numismatica, Toumeyella
Numonia pirivorella
  in USSR 5123
  on pear, in Maritime Province 5123
Nupserha antennata 4242
Nupserha bicolor postbrunnea
  control of, insecticides for 2839
  in India 2839
  on jute
    damage caused by 2839
    in India 2839
Nupserha vexator, on *Xanthium strumarium,* and biological control using, in Australia 4242
Nutsedge powder, diet component for, *Bactra verutana* 4639
Nutsedge, yellow (see *Cyperus esculentus*)
nuttalli, Lytta
Nuvacron (*see* Monocrotophos)
Nuvan (*see* Dichlorvos)
Nycteola asiatica
  biology of 2870
  control of, insectides for 2870
  in Iran 2870
  in Yugoslavia 687
  on *Populus alba,* in Iran 2870
  on *Populus italica,* in Iran 2870
  preying on, *Gypsonoma aceriana,* in Yugoslavia 687
Nylanderia, preying on, soy-bean pests, in Florida 1855
nymphaeae, Rhopalosiphum
Nymphula depunctalis
  control of, insecticides for 5098
  in India 1871, 5098
Nymphula depunctalis *contd.*
  on rice
    in Kerala 1871
    in Uttar Pradesh 5098
Nysius
  control of, insecticides for 508
  on sugar-beet, in Texas 508
  on wheat, in Texas 508
Nysius huttoni
  in New Zealand 4698
  preyed on by, *Sturnus vulgaris,* in New Zealand 4698
Nysius plebeius
  in Japan 1868
  on rice, in Japan 1868
Nysius vinitor
  flight activity in 3034–3035
  in Australia 2827, 3034–3035
  on *Carthamus tinctorius,* in Queensland 2827
  rearing of, techniques for 4159
Nyssa multiflora, *Malacosoma disstria* on, Mississippi 4880
Nyssa uniflora, *Malacosoma disstria* on, in Mississippi 4880
Nythobia armillata
  in USSR 3945
  parasitising, *Yponomeuta padellus,* in Lithuania 3945
Nythobia cerophaga
  in USSR 3954
  parasitising, *Plutella xylostella,* in Lithuania 3954
Nythobia fenestralis
  in Poland 1079
  in USSR 3950, 3954
  parasitising
    Archips rosanus, in Lithuania 3950
    Plutella xylostella, in Lithuania 3954
    Tortricidae, in Poland 1079
Nythobia insularis
  in USA 5059
  parasitised by
    Catolaccus aeneoviridis, in North Carolina 5059
    Spilochalcis side, in North Carolina 5059
  parasitising, *Plutella xylostella,* in North Carolina 5059
Nythobia punctoria
  in Spain 4745
  parasitising
    Ostrinia nubilalis, in Spain 4745
    Sesamia nonagrioides, in Spain 4745
Nythobia rufipes
  in Hungary 3222
  parasitising, *Pieris brassicae,* in Hungary 3222
Nythobia stellenboschensis
  biology of 4719
  parasitising, *Phthorimaea operculella* 4719

rthobia stellenboschensis contd.
  earing of, techniques for 4719
k (see *Quercus*)
k, Amur (see *Phellodendron amurense*)
k, black (see *Quercus velutina*)
k, bur (see *Quercus macrocarpa*)
k, chestnut (see *Quercus prinus*)
k, Coast live (see *Quercus agrifolia*)
k, evergreen (see *Quercus ilex*)
k, pin (see *Quercus palustris*)
k, red (see *Quercus rubra*)
k, scarlet (see *Quercus coccinea*)
k, turkey (see *Quercus cerris*)
k, white (see *Quercus alba*)
k wilt (see *Ceratocystis fagacearum*)
t blue dwarf virus, in, *Macrosteles fascifrons,* transmission of 731
t flour, *Sciara auripila* in, development of 486
t red leaf, (caused by barley yellow dwarf virus) 1409
ts (*Avena sativa*)
  Acyrthosiphon dirhodum on, in West Germany 124
  Agriotes lineatus on, in Sweden 3964
  barley yellow-dwarf virus in, effects of 3152
  γ-BHC in, residues of 4971
  Euxoa detersa on, in Illinois 3691
  Haplodiplosis equestris on, in England 5083
  Javesella pellucida on, in Finland 1332
  leafhoppers on, in Finland 5084
  Macrosiphum avenae on, in West Germany 124
  Notoxus anchora on, in Ontario 4702
  Oscinella frit on
    in France 1333
    resistance to 4175
  Penthaleus major on, in Tasmania 1805
  Rhopalosiphum padi on, in West Germany 124
ats (stored grain), malathion in, residues of 1634
xaquensis, Atta cephalotes (see *A. cephalotes*)
berea brevis
  in India 4795
  on soy bean
    damage caused by 4795
    in Madhya Pradesh 4795
esa, Rhinoleucophenga
esi, Microtermes
esus, Odontotermes
fuscata, Lymantria
liqua, Allograpta
liqua, Diacrisia
literata, Rhyssella
longopunctatus, Pterostichus
nubilus, Macropes
ovatus, Brevipalpus
Obrium bicolor
  in Romania 663
  on *Mahonia aquifolium,* in Romania 663
obscura, Melanaspis
obscurata, Brachymeria
obscurator, Orgilus
obscurella, Javesella
obscurella, Madurasia
obscuripes, Formica
obscurus, Adoxus
obscurus, Agriotes
obscurus, Anaphothrips
obscurus, Hylastes, (*Hylastinus*)
obscurus, Monodontomerus
obscurus, Rhabdoscelus
obscurus, Tenebrio
obsoleta, Chloridea
obsoleta, Eleodes
obsoleta, Heliothis
obtectus, Acanthoscelides
obtusella, Catacrobasis
Obtusiclava oryzae
  gen. et sp. n., description of 312
  in India 312
  in Sri Lanka 312
  parasitising
    Pachydiplosis oryzae
      in India 312
      in Sri Lanka 312
obtusus, Charops
obtusus, Metaphycus
occidentalis, Aoplus velox
occidentalis, Choristoneura
occidentalis, Exitianus
occidentalis, Frankliniella
occidentalis, Metaseiulus, (*Typhlodromus*)
occidentalis, Scambus longicorpus
occidentis, Winthemia
occipitalis, Sericothrips
oceanicus, Teleogryllus
ocellana, Spilonota
ocellatella, Scrobipalpa, (*Gnorimoschema*)
ochraceus, Anacanthotermes
ochreimargo, Earias insulana
Ochrilidia, in Sudan 981
Ochroma lagopus, *Anadasmus porinodes* on, in Costa Rica 3269
ochropus, Arge
Ocnera hispida, supercooling of 3628
Ocneria dispar (see *Lymantria*)
Ocneria monacha (see *Lymantria*)
9,12-Octadecadienoic acid
  (*Z,Z*)- (linoleic acid)
    diet component for, *Hylobius pales* 1348
    in *Dacus oleae,* developmental changes in 4599
    in *Dendroctonus frontalis,* developmental changes in 4594
    in soy-bean oil, decreased by *Nezara viridula* damage to seeds 1488
    in *Vitula edmandsii* 2544

9,12-Octadecadienoic acid *contd.*
(*Z,Z*)- *contd.*
with sucrose, *Plodia interpunctella* responses to 371
Octadecanoic acid (stearic acid)
in *Dermestes maculatus* diet, not neutralising effects of lipid depressant 5004
in soy-bean oil, increased by *Nezara viridula* damage to seeds 1488
3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester, against, *Tetranychus urticae* 270
9,12,15-Octadecatrienoic acid
(*Z,Z,Z*)- (linolenic acid)
diet component for, *Hylobius pales* 1348
in *Dacus oleae,* developmental changes in 4599
in soy-bean oil, decreased by *Nezara viridula* damage to seeds 1488
7-Octadecene, 2-methyl-, (*Z*)-, inhibiter of *Lymantria dispar* response to sex pheromone 1306
9-Octadecenoic acid
(*Z*)- (oleic acid)
in aphid cornicle secretions 1295
in *Dacus oleae,* developmental changes in 4599
in *Dendroctonus frontalis,* developmental changes in 4594
in *Dermestes maculatus* diet, neutralising effects of lipid depressant 5004
in soy-bean oil, increased by *Nezara viridula* damage to seeds 1488
in *Vitula edmandsii* 2544
with sucrose, *Plodia interpunctella* responses to 371
2,6-Octadienal, 3,7-dimethyl-
(*E*)-, in *Pieris napi* androconial secretion 2132
(*Z*)-, in *Pieris napi* androconial secretion 2132
2,6-Octadien-1-ol, 3,7-dimethyl-
attractant for, bees 4539
with 2-methoxy-4-(2-propenyl)phenol, attractant for, bees 4539
1-Octanol, 8-butoxy-, acetate, inhibiter of *Adoxophyes orana* response to sex pheromone 3476
3-Octanol, *Myrmica rubra* responses to 4573
3-Octanone, *Myrmica rubra* responses to 4573
6-Octene-2,3-diol, 8-(4-hydroxyphenoxy)-2,6-dimethyl-, in rats, metabolite of R-20458 4587
octomaculata, Alypia
octonarius, Apanteles
octospinosus, Acromyrmex
ocularis, Haptoncus
oculator, Chelonus
odicus, Eugryllodes, (*Gryllodinus*)
Odinia, preying on, *Corthylus columbianu* in Indiana 1150
Odinia meijerei
in USA 1150
preying on, *Corthylus columbianus,* in Indiana 1150
Odites
in Comoro Archipelago 3439
in Malagasy Republic 3439
Odites fotsyella
sp. n., description of 3439
in Malagasy Republic 3439
on *Pinus patula,* in Malagasy Republic 3439
Odocoileus virginianus, insecticides in, residues of 4966
Odoiporus longicollis
in India 589
on banana
damage caused by 589
in Uttar Pradesh 589
Odonaspis secreta
in USSR 1530
on *Pleioblastus,* in Georgia (USSR) 15
on *Sasa,* in Georgia (USSR) 1530
parasitised by
Aphelosoma planum, in Georgia (USSR) 1530
Bestiola mira, in Georgia (USSR) 1530
Odonata
malathion in, toxicity of 4011
preying on, *Altermetoponia rubriceps,* i New South Wales 4734
Odontopus calceatus
biology of 3831
control of, insecticides for 1963
in USA 1963, 3831
on *Liriodendron tulipifera*
in Tennessee 1963
in USA 3831
Odontotermes anceps
in Ethiopia 1827
on groundnut, in Ethiopia 1827
Odontotermes obesus
control of, insecticides for 620
in India 620
on groundnut, in Madhya Pradesh 620
Odontria striata, Bacillus spp. in, infectivit of 4883
odora, Erebus (see *Otosema odorata*)
odorata, Otosema
Oebalus poecilus
control of, insecticides for 2298
in Brazil 2298
on rice, in Brazil 2298
oebalus, Prosactogaster
Oebalus pugnax
in USA 3702
on sorghum, in Georgia (USA) 3702

- ***bia undalis*** (see *Hellula*)
- ***canthus fultoni,*** damage caused by 3206
- ***canthus nigricornis***
  - n Canada 3206
  - n apple, damage caused by 3206
  - n grape vine, damage caused by 3206
  - n peach
    - damage caused by 3206
    - in Ontario 3206
  - n raspberry, damage caused by 3206
  - n roses, damage caused by 3206
- ***canthus pellucens***
  - alling signal of 3510
  - n Italy 2319
  - n South Africa 547
  - n USSR 3510
  - n boysenberry, in South Africa 547
  - n grape vine, in Italy 2319
  - n hazel, in Italy 2319
  - arasitised by
    - *Eurytoma oophaga,* in Italy 2319
    - *Tetrastichus ovivorax,* in Italy 2319
    - *T. percaudatus,* in Italy 2319
- ***chalia schellembergii***
  - n New Zealand 719
  - reying on, *Paropsis charybdis,* in New Zealand 719
- ***cophylla,*** in cacao plantations, effects of insecticides on 5171
- ***cophylla longinoda,*** preying on, Miridae 868
- ***cophylla smaragdina***
  - n Papua New Guinea 4144, 4395
  - n Solomon Islands 4765
  - reying on
    - *Amblypelta cocophaga,* in Solomon Islands 4765
    - *Axiagastus campbelli,* in Lihir Islands 4144
    - *Milionia isodoxa,* in Papua New Guinea 4395
- ***daleus senegalensis,*** in India 2236
- ***straceum, Miltogramma***
- **io**
  - *Aceria tulipae* in
    - on maize 501
    - on wheat 501
  - *Achatodes zeae* in, on *Sambucus canadensis* 162
  - *Aphis pomi* in, on apple 1465
  - *Conotrachelus nenuphar* in, on apple 1465
  - *Cydia pomonella* in, on apple 1465
  - *Heterococcus pulverarius* in
    - natural enemies of 4230
    - on *Lolium* 4230
  - *Liriomyza sativae* in, on tomato 1499
  - *Oulema melanopus* in 5071
  - *Panonychus ulmi* in, on apple 1465
  - *Pineus strobi* in
    - natural enemies of 4230
    - on *Pinus* 4230
- **Ohio** *contd.*
  - *Popillia japonica* in 258
  - *Rhagoletis fausta* in, on cherry 2332
  - *Trialeurodes vaporariorum* in, on tomato 2362
- ***Oidaematophorus balanotes,*** on *Baccharis halimifolia,* and biological control using, in Queensland 2701
- ***Oidaematophorus monodactylus,*** food-plants of, selection of 5075
- ***Oidium***
  - control of, fungicides for 3935
  - in glasshouses, in France 3935
- ***Oiketicus elongata*** (see *Metura*)
- **Oil emulsions**
  - against
    - *Adoxophyes orana* 559
    - *Aonidiella aurantii* 4779, 4781
    - *Archips rosanus* 3202
    - *Brevipalpus californicus* 1107
    - *Chloropulvinaria floccifera* 4366
    - *Chrysomphalus aonidum* 583
    - *Eulecanium bituberculatum* 5121
    - *Eutetranychus orientalis* 583, 1107
    - *Lepidosaphes beckii* 583, 1107
    - *L. ulmi* 4462
    - *Leucaspis pusilla* 701
    - *Leucoptera coffeella* 3262
    - *Myzus persicae* 1458
    - *Panonychus ulmi* 1093, 1458
    - *Parasaissetia nigra* 1107
    - *Parlatoria blanchardii* 5113
    - *Phylloxera notabilis* 3722
    - *Pseudaulacaspis pentagona* 177, 2333
    - *Quadraspidiotus ostreaeformis* 557
    - *Q. perniciosus* 557, 3198
    - *Spodoptera littoralis* 4764
    - *Trialeurodes vaporariorum* 4954
  - in *Aphytis melinus,* toxicity of 4781
  - in entomopathogenic fungi, effects of 4969
  - in pea, effects on aphid transmission of PEMV of 5214
  - with amidithion
    - against
      - *Aceria mangiferae* 2342
      - *Oligonychus mangiferus* 2342
      - *Vasates mangiferae* 2342
  - with azinphos-methyl, against, *Lepidosaphes malicola* 4292
  - with carbophenothion
    - against
      - *Brevipalpus californicus* 1107
      - *Chrysomphalus aonidum* 583
      - *Eutetranychus orientalis* 583, 1107
      - *Lepidosaphes beckii* 583, 1107
      - *Parasaissetia nigra* 1107
  - with chlorfenvinphos, against, *Unaspis citri* 4310
  - with diazinon, against, *Asterolecanium pustulans* 215

- **Oil emulsions** *contd.*
  - with dimethoate
    - against
      - *Lepidosaphes malicola* 4292
      - *Leucoptera coffeella* 3262
      - *Mycetaspis personata* 3759
      - *Planococcus citri* 3211
      - *Selenaspidus articulatus* 2783
  - with dimethoate, and fenitrothion, against, *Planococcus citri* 3211
  - with dinoseb
    - against
      - *Quadraspidiotus perniciosus* 5232
      - *Taphrina deformans* 5232
  - with DNC
    - against
      - *Quadraspidiotus perniciosus* 5232
      - *Taphrina deformans* 5232
  - with ethion
    - against, *Mycetaspis personata* 3759
    - in *Chrysopa rufilabris,* toxicity 4970
  - with fenitrothion, against, *Planococcus citri* 3211
  - with fenthion, against, *Leucoptera coffeella* 3262
  - with formothion, against, *Lepidosaphes malicola* 4292
  - with malathion
    - against
      - *Asterolecanium pustulans* 215
      - *Brevipalpus californicus* 1107
      - *Chloropulvinaria floccifera* 657
      - *Eutetranychus orientalis* 1107
      - *Lepidosaphes beckii* 1107
      - *L. malicola* 4292
      - *Parasaissetia nigra* 1107
  - with methidathion
    - against
      - *Lepidosaphes malicola* 4292
      - *Planococcus citri* 3211
  - with methyl-parathion, against, *Leucoptera coffeella* 3262
  - with omethoate, against, *Planococcus citri* 3211
  - with parathion
    - against
      - *Archips rosanus* 3202
      - *Mycetaspis personata* 3759
      - *Unaspis citri* 4310
  - with phenthoate, against, *Abgrallaspis cyanophylli* 657
- **Oil, mineral,** on leaves, behaviour of 2045
- **Oil palm** (*Elaeis guineensis*)
  - *Aspidiotus elaeidis* on, in Dahomey 4554
  - *Ceroplastes hololeucus* on, in Angola 860
  - *Coccus acrossus* on, in Angola 860
  - *Darna trima* on, in Sabah 5112
  - *Dysmicoccus brevipes* on, in Angola 860
  - *Gascardia constricta* on, in Angola 860
  - *Mahasena corbetti* on, in Malaysia 5112
  - *Metisa plana* on, in Malaysia 5112
- **Oil palm** *contd.*
  - *Oryctes* spp. on, in Ivory Coast 5111
  - *Psilopholis vestita* on, in Malaya 544
  - *Sibine* spp. on 4285
- ***Oinophila v-flava***
  - control of 722
  - in France 722
  - in wine-bottle corks, in France 722
- **Oklahoma**
  - *Curculio caryae* in, on pecan 2769
  - *Hylobius pales* in, on *Pinus* 1961
  - *Pachylobius picivorus* in, on *Pinus* 19
- **Okra** (*Hibiscus esculentus*)
  - *Agistemus exsertus* on, in Egypt 540
  - *Amrasca devastans* on, in Kerala 322
  - *Aphis gossypii* on, in Kerala 3220
  - *Dysdercus cingulatus* on, in Philippines 4350
  - *Earias insulana* on, in Egypt 4191
  - *E. vittella* on
    - development of 4618
    - in Kerala 3220
  - endrin in, residues of 597
  - *Myllocerus undecimpustulatus* on, in Rajasthan 1416
  - *Oxycetonia versicolor* on, in Rajasthan 2224
  - pests of, effects of plant nutrition on 3220
  - phorate in, residues of 4535
  - *Spodoptera littoralis* on, in Egypt 137
  - *Tetranychus urticae* on, in Pakistan 4
- ***Olea europaea*** (see Olive)
- ***oleae, Aceria***
- ***oleae, Brevipalpus***
- ***oleae, Dacus***
- ***oleae, Parlatoria***
- ***oleae, Prays***
- ***oleae, Saissetia,*** (*Coccus*)
- **Oleander** (see *Nerium oleander*)
- ***olearius, Brevipalpus***
- ***oleellus, Prays*** (see *P. oleae*)
- **Oleic acid** (*see* 9-Octadecenoic acid, (*Z*)-)
- ***oleivora, Phyllocoptruta***
- ***oleracea, Lacanobia,*** (*Mamestra*)
- ***oleracea, Tipula***
- ***Olesicampe benefactor***
  - parasitised by, *Mesochorus dimidiatus,* i central Europe 5068
  - parasitising, *Pristiphora erichsonii,* in central Europe 5068
- ***Olethreutes variegana*** (see *Hedya nubiferana*)
- **Olethreutinae,** in USSR 4048
- **Olethreutini,** in southern Asia 1671
- ***Oligonychus afrasiaticus***
  - in Iraq 1452
  - on date palm
    - damage caused by 1452
    - in Iraq 1452
- ***Oligonychus coffeae***
  - control of, acaricides for 2839, 5174

onychus coffeae contd.
India 1529, 2839
Sri Lanka 5174
tural enemies of, in India 1529
jute
damage caused by 2839
in India 2839
tea
in India 1529
in Sri Lanka 5174
onychus indicus
ntrol of, acaricides for 1034, 4527
India 2709
Pakistan 1034
sugar-cane
in Orissa 2709
in Pakistan 1034
eyed on by, *Amblyseius finlandicus,* in
Orissa 2709
onychus mangiferus
ology of 3018
ntrol of, acaricides for 2342
Egypt 2342, 2789, 3018
mango, in Egypt 2342, 2789, 3018
pomegranate, in Egypt 3018
edators of, in Egypt 3018
onychus peruvianus
ntrol of, acaricides for 5132
Venezuela 5132
Citrus, in Venezuela 5132
onychus pratensis
USA 1865
maize, in Texas 1865
sorghum, in Texas 1865
onychus punicae, noninclusion virus in,
ot infective 4877
onychus stickneyi
USA 1865
maize, in Texas 1865
onychus ununguis
od-plants of 1154
Finland 1960
Japan 1154
USA 1390
Abies sachalinensis, in Japan 1154
Picea abies
effects of amino acids on 1960
in Finland 1960
in Pennsylvania 1390
reyed on by, *Stethorus punctillum,* in
Pennsylvania 1390
gota, in India 1012
gota barbadorum
Barbados 4247
reying on, *Saccharicoccus sacchari,* in
Barbados 4247
gotrophus juniperinus
Czechoslovakia 5192
n *Juniperus communis,* in
Czechoslovakia 5192
gotrophus panteli
Czechoslovakia 5192

Oligotrophus panteli contd.
on *Juniperus communis,* in
Czechoslovakia 5192
Oligotrophus schmidti
in Czechoslovakia 5192
on *Juniperus communis,* in
Czechoslovakia 5192
olivaceus, Polistes
Olive (*Olea europaea*)
Aceria oleae on, in Greece 954
Brevipalpus olearius on, in Italy 189
B. olivicola on, in Italy 2844
Dacus oleae on
in Crete 5134
in Egypt 1907, 3215
in Greece 5134
in Israel 4989
in Italy 588, 1396, 2786
in Lebanon 4313
in Spain 1102, 3757
in Turkey 4478
Euphyllura olivina on, in Turkey 4477
Hemiberlesia lataniae on, in Egypt 3179
methidathion in, residues of 4478
Oxypleurites maxwelli on
in Egypt 1337
in Italy 189
Palpita unionalis on, in Greece 5135
phosphamidon in, residues of 4478
Prays oleae on
in Greece 5133
in Lebanon 4312
in Spain 1103–1104, 3095, 3216
Saissetia oleae on
in Israel 4989
in Jordan 4903
in Spain 3095, 3755–3756
Tegonotus hassani on, in Italy 189
Olive oil, diet component for, *Dacus oleae*
5047
oliveri, Haleupalus
olivicola, Brevipalpus
olivina, Euphyllura
Oman, *Aleurocanthus woglumi* in, on lime
(*Citrus*) 3754
Omethoate (*O,O*-dimethyl *S*-[2-
(methylamino)-2-oxoethyl]
phosphorothioate)
against
Aleurothrixus floccosus 5130
Aphis craccivora 3774
Aulacaspis tegalensis 320
Bemisia tabaci 1131
Cydia pomonella 172
Dasineura pyri 3201
Empoasca spp. 1131
E. decipiens 3774
E. fabae 1495
Liriomyza sativae 1204
L. trifolii 3774
Lobesia botrana 3717
Mikomyia coryli 5119

Omethoate *contd.*
  against *contd.*
    Myzus humuli 121
    M. persicae 1131, 1204, 1458, 1495
    Panonychus ulmi 1458
    pests of squash 3771
    Phthorimaea operculella 1131, 1495
    Planococcus citri 3211
    Saissetia oleae 3755
    Selenaspidus articulatus 2783
    Tetranychidae 1952
    Tetranychus arabicus 3774
    T. urticae 1941
    Thrips tabaci 1131, 1495
  in bean, formothion metabolite 1647
  in cherry, toxicity of 161
  in chrysanthemum, toxicity of 1952
  in grape vine, effects of 4472
  in squash, residues of 4327
  with oil emulsion, against, *Planococcus citri* 3211
Omicid (*see* DDT)
Omite (*see* Sulfurous acid, 2-[4-(1,1-dimethylethyl)phenoxy]cyclohexyl 2-propynyl ester)
    1093
    4464
Ommochromes, in insects, synthesis from tryptophan of 3461
Omophlus
  on grape vine, in Turkey 4469
  preying on
    Neodiprion sertifer
      in Austria 4846
      role in polyhedrosis disease of 4846
Omphisa anastomosalis
  control of, insecticides for 4802
  in Malaysia 4802
  on sweet potato, in Malaysia 4802
Oncideres rhodosticta
  biology of 715
  in USA 715
  on *Prosopis glandulosa,* in Texas 715
Oncideres saga saga, ontogenetic development of 1277
Oncopeltus fasciatus
  as a research animal 3590
  dominant lethal mutations in 1742
  juvenile hormone analogues in, activity of 4588
  landing response in 1749
  oviposition in 61
  pattern regulation in 4578
  visual processing in 1749
Oncopera intricata
  biology of 1878
  in Australia 1878
  in turf, in Tasmania 1878
Oncopera rufobrunnea
  biology of 1878
  in Australia 1878
  in turf, in Tasmania 1878
Oncophanes laevigatus
  in USSR 3950
  parasitising, *Archips rosanus,* in Lithu
    3950
Oncophanes lanceolator (see *O. laevigat*
Onion (*Allium cepa*)
  chlorfenvinphos in, residues of 3241
  Eumerus strigatus on, in New Zealand
    2852
  Hylemya antiqua on
    in France 1921, 4500
    in Netherlands 3912
    in Norway 3241
    in Poland 3575
    in Quebec 1922
    in Turkey 4444
    in Washington 629
    rearing of 4348
  H. platura on, in Turkey 4444
  leek chlorotic streak virus in
    in Belgium 4868
    symptoms of 4867
  pests of
    in Buryatia 1130
    in Turkey 4443
  pirimiphos-ethyl in, residues of 3575
  Thrips tabaci on
    in Rajasthan 2661
    in Washington 629
  trichloronate in, residues of 3241
Onion yellow dwarf virus, leek chlorotic streak virus, relation of, and 4867
Onobrychis viciifolia, Sitona callosus on,
  Romania 149
Ontario
  Aphis pomi in, on apple 3731
  celery in, pesticide residues in 2345
  Choristoneura conflictana in, natural enemies of 3875
  C. fumiferana in
    on *Abies* 3926, 4911
    on *Larix* 3816
    on *Picea* 3926, 4911
  C. pinus in, on *Pinus* 1636
  Coleophora laricella in, on *Larix* 381
  Conotrachelus nenuphar in, on apple 3732
  Cydia molesta in, on peach 4158
  C. pomonella in, on apple 2454, 3732
  Disholcaspis bassetti in, on *Quercus*
    4385
  Euxoa messoria in, on tobacco 3348,
    4920
  Hylemya brassicae in, on radish 606
  H. florilega in, on radish 606
  H. platura in, on radish 606
  Hypera postica in
    natural enemies of 1447
    on lucerne 1447
  Ips pini in, on *Pinus* 4392
  Lygus lineolaris in, on *Lotus cornicula*
    5104

tario *contd.*
  Mamestra curialis in, on *Picea* 4393
  milk in, pesticide residues in 2477
  Neodiprion abietis in, on *Abies* 3286
  N. sertifer in 1395
  Notoxus anchora in, natural enemies of 4702
  Oecanthus nigricornis in, on peach 3206
  Ostrinia nubilalis in 509
    natural enemies of 1835
    on maize 1835
  Panonychus ulmi in
    in stored apples 1466
    on apple 3731
  Pissodes strobi in, on *Pinus* 3999
  Pyrrhia exprimens in, on *Picea* 4393
  Rhagoletis pomonella in, on apple 3732
  Rhopalosiphum maidis in, on maize 128
  Scolytus multistriatus in, on *Ulmus* 5198
  Thymelicus lineola in, on *Phleum pratense* 1430
  Zeiraphera improbana in, on *Larix* 3816
tario, Apechthis
usta, Macronoctua
odescelis brevipennis
  in USSR 2702
  on *Papaver somniferum,* in Kirghizia 2702
oencyrtus, parasitising, *Alsophila pometaria,* in Virginia 5066
oencyrtus clisiocampae
  dispersal of 1840
  in USA 1839–1840
  parasitising, *Ennomos subsignarius,* in Connecticut 1839–1840
oencyrtus gonoceri
  sp. n., description of 2322
  in Italy 2322
  parasitising, *Gonocerus acuteangulatus,* in Italy 2322
oencyrtus kuwanai
  in USA 2395
  parasitising
    Lymantria dispar
      and biological control using, in Pennsylvania 5179
      in Connecticut 2395
oencyrtus pinicola
  in USSR 1151
  parasitising, *Dendrolimus superans,* in USSR 1151
oencyrtus pityocampae
  in Cyprus 3832
  parastising, *Thaumetopoea wilkinsoni,* in Cyprus 3832
phaga, Eurytoma
philus, Opius
aca, Eleodes
aca, Silpha, (*Aclypea*)
acipennis, Circulifer
acithorax, Neivamyrmex
alinoides, Acontia
Opatroides vicinus, karyotype and sex-mechanism in 3013
Opatrum sabulosum
  control of, insecticides for 622
  in USSR 622, 2702
  on *Papaver somniferum,* in Kirghizia 2702
  on sugar-beet, in USSR 622
operculella, Phthorimaea, (*Gnorimoschema*)

Operophtera bruceata
  control of, insecticides for 3726
  in Canada 2386, 3726
  on apple, in British Columbia 3726
  on apricot, in British Columbia 3726
  on cherry, in British Columbia 3726
  on pear, in British Columbia 3726
  on plum, in British Columbia 3726
Operophtera brumata
  coldhardiness in 1316
  control of
    Bacillus thuringiensis for 1461
    insecticides for 1460
  fungi in, in Lithuania 3948
  hunger-resistance in, effects of temperature on 1316
  in Belgium 3246
  in Finland 2385
  in Netherlands 1461
  in Norway 2385
  in Sweden 2385
  in UK 2329
  in USSR 3948
  on apple
    forecasting infestations of 3246
    in Belgium 3246
    in Netherlands 1461
  on *Betula pubescens,* in Fennoscandia 2385
  outbreaks of 2385
Operophtera fagata
  in Finland 2385
  in Norway 2385
  in Sweden 2385
  in UK 2329
  on *Betula pubescens,* in Fennoscandia 2385
  outbreaks of 2385
Ophideres fullonica (see *Othreis fullonia*)
Ophiomyia centrosematis
  descriptions of 2522
  in India 2522
  on *Coccinia indica,* in India 2522
Ophiomyia phaseoli
  control of, insecticides for 613, 2812, 3929
  distribution maps of 3544
  in Egypt 3929
  in India 613, 1121, 4338
  in Taiwan 2812
  in USA (Hawaii) 1666
  on bean, in Egypt 3929

Ophiomyia phaseoli *contd.*
  on *Dolichos sesquipedalis,* in Taiwan 2812
  on pea
    in Rajasthan 1121
    in Uttar Pradesh 613
  on soy bean, in Madhya Pradesh 4338
  parasitised by
    Opius importatus, and biological control using, in Hawaii 1666
    O. melanagromyzae, and biological control using, in Hawaii 1666
Ophiomyia strigalis, on *Striga,* in East Africa 5076
Ophonus pubescens (see *Harpalus rufipes*)
Ophonus rufipes (see *Harpalus*)
Opidnus, parasitising, *Nematus ribesii,* in Lithuania 3950
Opiinae, world list of 1662
opinator, Syrphus
Opius
  in Ethiopia 1262
  in Ethiopian region 2514
  parasitising
    Dacus dorsalis, in Pakistan 3180
    D. zonatus, in Pakistan 3180
    Hydrellia philippina, in Philippines 523
    Pegomya mixta, in Egypt 1493
    Phytomyza vomitoriae, in Georgia (USA) 481
Opius concolor
  embryonic development in 4071
  in Lebanon 4313
  larval development in 4071
  parasitising
    Ceratitis capitata 2113, 4071
    Dacus oleae
      and biological control using, in Italy 1396
      in Lebanon 4313
Opius fullawayi (see *Biosteres*)
Opius importatus
  sp. n., description of 1666
  in Uganda 1666
  parasitising, *Ophiomyia phaseoli,* and biological control using, in Hawaii 1666
Opius incisi, in USA (Hawaii) 3660
Opius longicaudatus
  in USA (Hawaii) 3660
  parasitising, Tephritidae, in Hawaii 3660
Opius melanagromyzae
  in Uganda 1666
  parasitising, *Ophiomyia phaseoli,* and biological control using, in Hawaii 1666
Opius oophilus
  in USA (Hawaii) 3660
  parasitising, Tephritidae, in Hawaii 3660
Opius persulcatus
  in USA (Hawaii) 3660
Opius persulcatus *contd.*
  parasitising, Tephritidae, in Hawaii 36
Opius tryoni, in USA (Hawaii) 3660
Opogona sacchari
  control of, fumigants for 2378
  in Canary Islands 2378
  in Netherlands 2378
  on banana, in Canary Islands 2378
  on *Strelitzia,* in Netherlands 2378
Opogona subcervinella (see *O. sacchari*)
Oporinia autumnata (see *Epirrita*)
Optunal (*see* Benzoic acid, 2-[(aminomethoxyphosphinothioyl)oxy]-, methylethyl ester)
Opuntia
  control of, biological, in South Africa 1027
  Dactylopius indicus on, and biological control using, in Kenya 3650
Opuntia aurantiaca, *Dactylopius* spp. on, i South Africa 2700
Opuntia megacantha, *Dactylopius* spp. on, in South Africa 2700
Opuntia vulgaris, *Dactylopius* spp. on, in South Africa 2700
Oraesia emarginata (see *Calpe*)
Oraesia excavata (see *Calpe*)
orana, Adoxophyes
Orange (*Citrus sinensis*)
  Aceria sheldoni on
    in Israel 3744
    in South Africa 587
  Agistemus exsertus on, in Egypt 540
  Aleurothrixus floccosus on, in Brazil 5130
  Aonidiella aurantii on
    in Egypt 1474
    in Victoria 460
    varietal preferences of 584
  Aphis spiraecola on
    in Italy 582
    in Japan 575
  Calpe excavata on, in Japan 2336
  Ceratitis capitata on, in Spain 3751
  Ceroplastes floridensis on, in Egypt 14
  Chrysomphalus aonidum on, in Egypt 1474
  Citrus greening disease in, in Thailand 4309
  Coccus capparidis on, in Florida 4640
  dioxathion in, residues of 4984
  Lepidosaphes beckii on, in Egypt 1474
  mites on, in Mozambique 3213
  monocrotophos in, residues of 4019
  Panonychus citri on
    in Florida 2065
    in South Africa 3749
  Paralebeda plagifera on, in West Bengal 1906
  Phoma citricarpa in, in Mozambique 3213

ange *contd.*
  Phyllocoptruta oleivora on
    in Egypt 2782
    in Florida 2065
  Pseudococcus fragilis on, in Italy 580
  Selenaspidus articulatus on, in Cuba 2783
  Toxoptera citricida on, in Japan 575
ange extract, *Spodoptera littoralis* feeding responses to 4674
ange (stored fruit)
  caricides in, residues of 2487
  nsecticides in, effects of 1223
ange, sweet (*see* Orange)
toria, Leptocorisa
bata, Peribaea, (*Strobliomyia*)
bitalis, Antestiopsis
bitalis, Leucopis (see *L. argenticollis*)
bonalis, Leucinodes
chard pests
  control of, lighting for 5229
  n Daghestan 1376
chids, pests of, in Malaysia 4828
dinarius, Apanteles
egon
  Acanthoscelides spp. in 4546
  Aculus comatus in, on hazel 1889
  Choristoneura occidentalis in, natural enemies of 4714
  Coleotechnites spp. in, on *Pinus* 692, 2861
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
  Fieberiella florii in 4612
  Rhyacionia buoliana in 3271
  Scutigerella immaculata in, natural enemies of 3656
  Senecio jacobaea in, *Longitarsus jacobaeae* for biological control of 489
egonensis, Hippodamia
egonensis, Listronotus
famone (*see* 8-Dodecen-1-ol, acetate, (*Z*)-)
ganic phosphates, determination of 4940
rgilus nitidus
  in Yugoslavia 687
  parasitising, *Gypsonoma aceriana,* in Yugoslavia 687
rgilus obscurator
  in France 678
  parasitising, *Rhyacionia buoliana,* in France 678
rgilus parcus
  biology of 998
  in South Africa 998
  parasitising
    Phthorimaea operculella, in South Africa 998
    Spodoptera exigua, in South Africa 998
rgyia antiqua
  in Chile 2800
  in USSR 3281
Orgyia antiqua *contd.*
  on *Larix,* in Buryatia 3281
Orgyia dubia judaea
  biology of 1314
  in Egypt 1314
  parasites of, in Egypt 1314
Orgyia mixta
  biology of 2147
  in Angola 2147
Orgyia pseudotsugata (see *Hemerocampa*)
orichalcea, Plusia
orichalcociliellus, Chilo
oriens, Acronicta rumicis
Oriental region
  Atherigona spp. in 1048
  Cetoniinae in 300
  Nematocera in 90
orientalis, Anomala
orientalis, Aonidiella
orientalis, Atherigona
orientalis, Dorilas
orientalis, Eriaphytis
orientalis, Eutetranychus
orientalis, Maladera
orientalis, Pieris rapae
orientalis, Vespa
orionis, Taeniothrips
orithya, Junonia
Orius
  preying on
    Cryptoblabes gnidiella, in Egypt 4609
    Lygus hesperus, in California 3242
Orius insidiosus
  in Mexico 1511, 4250
  in USA 148, 1953, 4816
  insecticides in, toxicity of 4250, 4816
  preying on
    Gynaikothrips ficorum, in Florida 1953
    Plathypena scabra, in Iowa 148
    Schizaphis graminum, in Mexico 4250
Orius tristicolor
  in USA 1520, 4818, 5166
  preying on
    Pectinophora gossypiella, in California 4818
    Spodoptera exigua, in California 1520
    Trichoplusia ni, in California 5166
orizicola, Sogatodes, (*Sogata*)
Ormenis, on mango, in Mexico 2759
Ornamental plants
  Acrobasis indigenella on, in Illinois 1145
  Asterolecanium pustulans on, in Texas 215
  Dionychopus amasis on, in South Africa 2910
  mites on, in UK 1533
  Pericallia ricini on, in Rajasthan 4369
  pest control on, in Connecticut 4827
  pests of, in Egypt 2847
  Phenacaspis cockerelli on, in Florida 2590

Ornamental plants *contd.*
  Planococcus citri on, in Bulgaria 216
  Pseudaulacaspis pentagona on, in Virginia 2333
  Pseudococcus adonidum on, in Bulgaria 216
  P. maritimus on, in Bulgaria 216
  Rhizoecus americanus on, in Florida 3812
  thrips on, in South Korea 2586
ornatus, Cheletogenes
ornatus, Myzus
Ornithacris turbida, biology of 3103
L-ornithine, homopolymer, effects on aphid transmissibility of tobacco mosaic virus of 4143
Ornix guttea (see *Callisto denticulella*)
Orosius, on cotton, in Upper Volta 1939
Orosius albicinctus
  biology of 637
  control of 637
  in India 637
ortegai, Steropleurus
Orthellia caesarion, parasites of, defence mechanisms against 3364
Orthene (*see* Phosphoramidothioic acid, acetyl-, *O,S*-dimethyl ester)
  4920
  5184
Ortho Bux (*see* Phenol, 3-(1-ethylpropyl)-, methylcarbamate, with 3-(1-methylbutyl)phenyl methylcarbamate)
  1041
Ortho 9006 (*see* Phosphoramidothioic acid, *O,S*-dimethyl ester)
  5143
Ortho 15223 (*see* Phosphoramidothioic acid, (methoxyacetyl)-, *O,S*-dimethyl ester)
  2932
Orthoporus fuscipes
  in Brazil 3240
  on *Manihot esculenta,* in Brazil 3240
Orthoptera
  in Saudi Arabia 1599
  in Yugoslavia 389
  malathion in, toxicity of 4011
  pox virus in 3332
  taxonomy of 2970
Orthopteroidea
  in Canary Islands 2984
  in abandoned fields, in Michigan 3627
Orthosia gothica
  coldhardiness in 1316
  hunger-resistance in, effects of temperature on 1316
Orthotomicus erosus (see *Ips*)
Orthotylus marginalis, pesticides in, toxicity of 3578
Orussidae, in USSR 2250
Orussus abietinus
  in Belgium 458
  parasitising, Siricidae, in Belgium 458
Oryctes
  Bacillus spp. in, in Malagasy Republic 240
  control of
    cover crops for 5111
    insecticides for 5111
  Metarhizium anisopliae in, in Malagasy Republic 240
  on *Elaeis guineënsis,* in Ivory Coast 51
  Stictospora kurdistiana in, in Malagasy Republic 240
Oryctes centaurus
  in Papua New Guinea 2310
  larvae of 2310
  on coconut, in New Guinea 2310
Oryctes elegans, Metarhizium anisopliae i infectivity of 2430
Oryctes monoceros
  fecundity in 2158
  Metarhizium anisopliae in, infectivity o 2430
Oryctes nasicornis, Metarhizium anisopli in, infectivity of 2430
Oryctes rhinoceros
  attractants for 4765
  cuticle in, fibril orientation in 325
  endocuticle layer formation in 344
  fecundity in 2158
  in Fiji 4765
  in Papua New Guinea 2310, 3056, 41
  larvae of 2310
  Malaya disease in, symptoms of 832
  Metarhizium anisopliae in, infectivity of 2430
  on coconut
    in Fiji 4765
    in New Britain 3056
    in New Guinea 2310, 4144
  Rhabdionvirus oryctes in
    and biological control using, in Fiji 4765
    pathogenicity of 3891
  traps for 3056
Oryctoderus, on coconut, in New Guinea 2310
Oryctoderus latitarsis
  in Papua New Guinea 2310
  larvae of 2310
  on coconut, in New Guinea 2310
Oryza sativa (see Rice)
oryzae, Agromyza
oryzae, Atherigona
oryzae, Chlorops
oryzae, Cloethrips, (*Thrips*)
oryzae, Latheticus
oryzae, Obtusiclava
oryzae, Oulema
oryzae, Pachydiplosis
oryzae, Platygaster
oryzae, Sitophilus, (*Calandra*)
Oryzaephilus, in Nigeria 3853

yzaephilus mercator
  -BHC resistance in 3391
  ontrol of
    insecticides for 2405
    juvenile hormone analogues for 2873
  nalathion resistance in 3391
yzaephilus surinamensis
  iology of 2885, 3296
  ontrol of 2885
    antifeedants for 2874
    insecticides for 2484, 4403
    γ-irradiation for 2079
    juvenile hormone analogues for 2873
  ispersal of 2883
  umidity responses in 1758, 3524
  n Australia 2888
  n Bulgaria 3188
  n Turkey 2409, 4487
  n UK 2881, 2883, 2885
  n USSR 4403
  n *Azadirachta indica* kernels, damage caused by 4408
  n dried forage, not able to breed 3864
  n *Hibiscus cannabinus* seeds, unable to develop 2425
  n stored almonds, in Bulgaria 3188
  n stored grain, damage caused by 2885
  n stored maize, in Turkey 4487
  n stored rice 1986
  ight responses in 3524
  Nosema whitei in 3314
  nutrition of 2123
  preyed on by, *Xylocoris flavipes* 2265
  preying on, *Plodia interpunctella* 3534
  sterilisation of, γ-irradiation for 2079
  tactile responses in 3524
yzaetora, Alloneura
borni, Diaspidiotus
cinella
  cuticle in, preparation of, for taxonomic use 4185
  in Nigeria 1047
cinella frit
  biology of 417
  control of, insecticides for 145, 1601, 5089
  feeding behaviour in 2726
  in Denmark 2749
  in France 1333
  in Romania 2282
  in UK 1601
  in USA 1838
  in West Germany 145, 2723, 5089
  in Yugoslavia 417
  in lawns, in West Germany 145
  on barley, in France 1333
  on grasses, in Denmark 2749
  on maize
    damage caused by 1601, 2723
    in UK 1601
    in West Germany 2723, 5089
Oscinella frit *contd.*
  on oats
    in France 1333
    resistance to, evaluation of 4175
  on wheat, in France 1333
  parasitised by
    Bubekia fallax, in Virginia 1838
    Callitula bicolor, in Virginia 1838
    Halticoptera aenea, in Virginia 1838
    Hexacola hexatoma, in Virginia 1838
    Horismenus texanus, in Virginia 1838
    Spalangia drosophilae, in Virginia 1838
    Trichomalus statutus, in Virginia 1838
  population dynamics of 1333
Oscinella pusilla
  fecundity in 5023
  in France 1333
  on barley, in France 1333
  on wheat, in France 1333
  population dynamics of 1333
Oscinis frit (see *Oscinella*)
Osphranteria coerulescens
  in Iran 455
  parasitised by, *Xorides corcyrensis,* in Iran 455
osseatella, Euzophera
ossiannilssoni, Macrosteles
Ostomidae, preying on, *Dendroctonus* spp., in Guatemala 5189
Ostracoda, insecticides in, toxicity of 4022
ostreaeformis, Quadraspidiotus
ostricolorella, Euzophera
Ostrinia kasmirica
  in India 3145
  in Pakistan 3145
  on *Cnicus wallichii,* in India 3145
  parasites of, in India 3145
  taxonomy of, misidentified as *O. nubilalis* 3145
Ostrinia nubilalis
  antennal sensilla in 2101
  attractants for 4987
  attraction of
    to lures 4924
    to other strains 4924
  Beauveria spp. in, in Spain 4745
  biology of 3685–3686
  control of
    attractant sprays for predators for 5072
    Beauveria bassiana for 2453
    biological 3145
    ecological aspects of 262
    in Ontario 509
    insecticides for 131, 1071, 1414, 2015, 3781, 4745
    juvenile hormone analogues for 3681
    netting for 3781
  in Canada 509, 1414, 1835
  in China 2453
  in Egypt 1071, 3513, 3648

Ostrinia nubilalis *contd.*
- in Hungary 3688
- in Italy 4987
- in Romania 131, 3936
- in Spain 3685–3686, 4745
- in USA 3161–3162, 3681, 3702, 3781, 4924, 4987, 5072
- in USSR 2015
- literature on 3683, 4255–4256
- on *Capsicum,* in Delaware 3781
- on maize
  - damage caused by, after rearing on meridic diet 1866
  - in Egypt 1071, 3648
  - in Iowa 3681
  - in Italy 4987
  - in Minnesota 5072
  - in Ontario 1835
  - in Quebec 1414
  - in Romania 3936
  - in Spain 3685–3686, 4745
  - in USSR 2015
  - resistance to 264, 3936, 4252
    - genetics of 2292
- on sorghum, in Georgia (USA) 3702
- parasitised by
  - *Eriborus terebrans,* in Ontario 1835
  - *Lydella thompsoni*
    - in Ontario 1835
    - in Spain 4745
  - *Nythobia punctoria,* in Spain 4745
  - *Sympiesis viridula,* in Ontario 1835
- parathion susceptibility in, effects of food-plant on 1632
- preyed on by
  - *Anisolabis annulipes,* in Egypt 3513
  - *Blaptostethus piceus,* in Egypt 3648
  - Chrysopidae, in Minnesota 5072
  - *Glischrochilus quadrisignatus,* in Minnesota 5072
- Protozoa in 3333
- rearing of
  - diets for 1353
    - for bioassays 1795
- taxonomy of
  - *Ostrinia kasmirica* misidentified as
    - in India 3145
    - in Pakistan 3145
- traps for 3688, 4987

Othreis fullonia
- control of 577
- in India 577
- on *Citrus*
  - damage caused by 577
  - in Uttar Pradesh 577

Otiorhynchus, on grape vine, in Turkey 4469

Otiorhynchus bleusci
- in Turkey 4480
- on *Pistacia vera,* in Turkey 4480

Otiorhynchus clavipes
- in UK 4195

Otiorhynchus clavipes *contd.*
- on strawberry, in UK 4195

Otiorhynchus ligustici, larval thoracic legs in 9

Otiorhynchus ovatus
- in UK 4195
- on strawberry, in UK 4195

Otiorhynchus peregrinus
- in Turkey 4480
- on *Pistacia vera,* in Turkey 4480

Otiorhynchus rugifrons
- in UK 4195
- on strawberry, in UK 4195

Otiorhynchus rugosostriatus
- in UK 4195
- on strawberry, in UK 4195

Otiorhynchus singularis
- in UK 4195
- on black currant, in UK 4195
- on forest trees, in UK 4195
- on fruit trees, in UK 4195
- on hops, in UK 4195
- on raspberry, in UK 4195

Otiorhynchus sulcatus
- biology of 3527
- descriptions of 553
- in Bulgaria 553
- in UK 4195
- on grape vine, in Bulgaria 553
- on ornamental plants, in UK 4195
- on strawberry, in UK 4195
- rearing of, diets for 2122

Otiorhynchus turca
- descriptions of 553
- in Bulgaria 553
- on grape vine, in Bulgaria 553

otis, Zizera, (*Zizeeria*)

Otosema odorata, in Canada 2598

ou, Rachiplusia

oubanguiensis, Haplothysanus

Oulema melanopus
- biology of 417
- competition in, reduction of 2584
- control of 3386
- in USA 3386–3387, 5071
- in Yugoslavia 417, 464
- larval feeding in 3676
- parasites of
  - in Europe 5071
  - in Yugoslavia 464
- parasitised by
  - *Anaphes flavipes*
    - and biological control using, in USA 5071
    - in USA 3387
  - *Diaparsis carinifer,* and biological control using, in Michigan 5071
  - *Lemophagus curtus,* and biological control using, in Michigan 5071
  - *Tetrastichus julis*
    - and biological control using in Michigan 5071

- ***lema melanopus*** *contd.*
  - arasitised by *contd.*
    - *Tetrastichus julis contd.*
      - and biological control using *contd.*
        - in Ohio 5071
      - in USA 3387
  - opulation dynamics of 3386–3387
  - redators of, in Yugoslavia 464
- ***lema oryzae***
  - n Japan 4268
  - n rice, in Japan 4268
- ***tum, Theridion***
- ***tus, Otiorhynchus***
- **iposition pheromones**, in *Ephestia kuehniella* 2178
- ***is aries*** (see Sheep)
- ***vorax, Tetrastichus***
- **adofos** (*see* Fenitrothion)
- ***eni, Semiothisa***
- **amyl** (*see* Ethanimidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester)
- **-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-*N*-phenyl-** (carboxin)
  - n *Citrus*, effects on mites of 3744
- **idase**
  - n *Phoracantha semipunctata* intestinal symbionts and gut 3277
  - mixed function
    - degradation of DDT analogues by 4937
    - in *Heliothis virescens*, relation of insecticide resistance and 1619, 4105
    - in *Heliothis zea* 4105
    - in insects, insecticide inhibition and induction of 4568
    - in pea, converting aldrin to dieldrin 1229
- **xidase, amine (flavin-containing)**, in rats, chlordimeform inhibition of 2057
- **xidase, monoamine** (*see* Oxidase, amine (flavin-containing))
- **xidase, phenol** (*see* Oxygenase, monophenol mono-)
- **xidase, polyphenol** (*see* Oxygenase, monophenol mono-)
- **xidase, urate**, in Attine faeces 4212
- ***xidus coarctatus*** (see *Paradesmus*)
- ***xidus gracilis*** (see *Paradesmus*)
- **xine-copper** (*see* Copper, bis(8-quinolinolato-N^1,O^8)-)
- **xirane**
  - against, *Panonychus ulmi* 1466
  - in apples, effects of 1466
  - in *Trogoderma granarium*, effects of diet on susceptibility to 2877
- **xirane, 3-[5-(4-chlorophenoxy)-3-ethyl-3-pentenyl]-2-ethyl-2-methyl-**, in *Galleria mellonella*, JH activity and metabolic stability of 1290
- **Oxirane, 3-[5-(4-chlorophenoxy)-3-methyl-3-pentenyl]-2,2-dimethyl-**, juvenile hormone activity of, with, *Adoxophyes orana* 2561
- **Oxirane, 2-decyl-3-(4-methylhexyl)-, *cis*-**, attractant for, *Lymantria fumida* 3963
- **Oxirane, 2-decyl-3-(5-methylhexyl)-**
  - *cis*- (disparlure)
    - attractant for
      - *Lymantria dispar japonica* 3963
      - *L. fumida* 3963
      - *L. monacha* 3838
      - *L. obfuscata* 2195
    - evaluation of disruption of mating in *Lymantria dispar* by 4666
    - inhibitor for 1306
    - *Lymantria dispar* control using 4510
    - *L. dispar* sex pheromone 1306
- **Oxirane, 2-(2,6-dimethylheptyl)-3-octyl-, *cis*-**, attractant for, *Lymantria fumida* 3963
- **Oxirane, 3-[3,7-dimethyl-9-(1-propenyloxy)-3,7-nonadienyl]-2,2-dimethyl-, (*E,E*)-**, in *Tenebrio molitor*, receptor for 4590
- **Oxirane, 3-[3,7-dimethyl-9-(2-propynyloxy)-3,7-nonadienyl]-2-ethyl-2-methyl-**
  - against, *Ostrinia nubilalis* 3681
  - in maize, toxicity of 3681
- **Oxirane, 3-[5-(4-ethylphenoxy)-3-methyl-3-pentenyl]-2,2-dimethyl-**
  - against, *Pissodes strobi* 2034
  - in *Heliothis virescens*, effects on parasites of 5073
  - labelling of, with tritium 1728
  - (*E*)- (R-20458)
    - against
      - *Acyrthosiphon pisum* 1588
      - *Amphorophora agathonica* 1588
      - *Myzus persicae* 1205
    - in *Choristoneura fumiferana*, effects of 4574
    - in rats, metabolism of 4587
- **Oxirane, 3-[6-(3-fluorophenyl)-3-methyl-5-hexenyl]-2,2-dimethyl-**
  - in *Oncopeltus fasciatus*, JH activity of 4588
  - in *Tenebrio molitor*, JH activity of 4588
- **Oxirane, 3-[6-(4-fluorophenyl)-3-methyl-5-hexenyl]-2,2-dimethyl-**
  - in *Oncopeltus fasciatus*, JH activity of 4588
  - in *Tenebrio molitor*, JH activity of 4588
- **Oxirane, 3-[6-(3-fluorophenyl)-3-methylhexyl]-2,2-dimethyl-**
  - in *Oncopeltus fasciatus*, JH activity of 4588
  - in *Tenebrio molitor*, JH activity of 4588
- **Oxirane, 3-[6-(4-fluorophenyl)-3-methylhexyl]-2,2-dimethyl-**
  - in *Oncopeltus fasciatus*, JH activity of 4588
  - in *Tenebrio molitor*, JH activity of 4588
- ***Oxya velox***, food consumption in 910

oxyacanthae, Rhopalosiphum
Oxyacanthus captiosus, taxonomy of, transferred from *Spinococcus* 305
Oxyacanthus chrysocomae, taxonomy of, transferred from *Tylococcus* 305
Oxyacanthus incohatus
  gen. et sp. n., description of 305
  in South Africa 305
  on *Pentzia viridis,* in South Africa 305
Oxycarenus, on cotton, in Iran 4360
Oxycarenus hyalinipennis
  biology of 4353
  food preferences of 638
Oxycarenus pallens
  in Bulgaria 2279
  on medicinal plants, in Bulgaria 2279
Oxycetonia jucunda, control of, insecticides for 759
Oxycetonia versicolor
  in India 2224
  on *Citrus,* in Rajasthan 2224
  on cotton, in Rajasthan 2224
  on groundnut, in Rajasthan 2224
  on *Hibiscus esculentus,* in Rajasthan 2224
  on maize, in Rajasthan 2224
  on sorghum, in Rajasthan 2224
Oxychlordane (*see* 2,5-Methano-2*H*-indeno[1,2-*b*]oxirene, 1a,2,3,4,5,6a,7,7-octachloro-1a,1b,5,5a,6,6a-hexahydro-)
oxycoccana, Dasineura
Oxydemeton-methyl (*S*-[2-(ethylsulfinyl)ethyl] *O,O*-dimethyl phosphorothioate)
  against
    Acyrthosiphon dirhodum 124
    Adelges tardus 3613
    Aphis craccivora 3763–3764, 3803
    A. gossypii 3803, 4013
    A. spiraecola 1475
    Asterolecanium pustulans 215
    Brevicoryne brassicae 3762
    Empoasca fabae 1495
    Hoplocampa spp. 4466
    Liriomyza sativae 1204
    Lygus hesperus 4334
    Macrosiphum avenae 124
    Myzocallis coryli 4289
    Myzus persicae 194, 1495
    Phthorimaea operculella 1495
    Rhizoecus cacticans 1147
    Rhopalosiphum padi 124
    Tetranychus arabicus 4647
    Thrips tabaci 1495
  in mustard, residues of 3762
  in rape, residues of 3762
  in *Xanthogramma aegyptium,* toxicity of 4013
  resistance to, in, *Tetranychus arabicus* 5240
Oxygen
  in *Corcyra cephalonica,* effects on larval heart of 1699
  in *Cydia pomonella* larvae, effects of crowding on consumption of 2776
  in *Drosophila melanogaster,* circadian rhythm of consumption of 1335
  in *Hadena sordida* larvae, effects of crowding on consumption of 1404
  in *Lymantria dispar,* effects of insecticide on consumption of 4104
  in *Malacosoma neustria,* effects of insecticides on consumption of 4104
  in surface water, effects on endosulfan degradation of 3619
Oxygenase, aryl 4-mono-, in *Coturnix coturnix,* effects of DDT on 1230
Oxygenase, kynurenine 3-mono-, in *Schistocerca gregaria* 4684
Oxygenase, monophenol mono-
  in *Galleria mellonella* haemocytes, effects of bacteria on 1997
  in *Spodoptera littoralis,* activity pattern 4569
  in *Tenebrio molitor,* activity pattern of 882
oxygramma, Trichoplusia
oxylus, Panstenon
Oxypleurites mangiferae
  in Egypt 1337
  on mango, in Egypt 1337
Oxypleurites maxwelli
  descriptions of 189
  in Egypt 1337
  in Italy 189
  on olive
    in Egypt 1337
    in Italy 189
Oxypleurus nodieri, in USSR 2853
Oxytetracycline, dihydrate, in *Citrus,* effec on mites of 3744
Oxythioquinox (*see* Quinomethionate)
Oxythyrea funesta, *Metarhizium anisoplia* in, infectivity of 2430
Oysters, pesticides in, residues of 1651
P virus, in, *Drosophila* spp., effects of 25
PAA (*see* Benzeneacetic acid)
Pachydiplax longipennis
  in USA 3654
  preying on
    Epilachna varivestis, in Florida 3654
    Solenopsis richteri, in Florida 3654
Pachydiplosis oryzae
  biology of 3699, 4264
  control of
    Bacillus thuringiensis for 4263
    insecticides for 3164, 4263
    Neoaplectana carpocapsae for 4263
  in Bangladesh 3699
  in India 138, 312, 3164, 3700, 4263–4264, 4268
  in Sri Lanka 312

***ydiplosis oryzae** contd.*
erature on 3170
rice 4262
  assessing infestations of 3700
  in Bangladesh 3699
  in India 138, 312, 3164, 4263–4264, 4268
  in Madhya Pradesh 3700
  in Sri Lanka 312
  resistance to 4259, 4261
rasitised by
  Obtusiclava oryzae
    in India 312
    in Sri Lanka 312
  Platygaster oryzae, in Bangladesh 3699
hylobius picivorus
ntrol of, insecticides for 1961
USA 1961
  Pinus taeda
    in Arkansas 1961
    in Oklahoma 1961
ymerus, Craticheneumon
hynematus alaskensis
Canada 2386
rval development in, number of instars in 4380
hynematus itoi
Japan 1534
Larix, in Europe 1534
hyneuron
yperparasitising
  aphids, in South Africa 601
  Brevicoryne brassicae, in Bulgaria 3765
rasitising
  Diaeretiella rapae, in Bulgaria 3765
  Leucopis spp., in Pakistan 3817
hyneuron aphidis
spersal of 1005
ght activity in 1005
ientation in 1005
hyneuron siphonophorae
Argentina 1198
rasitising, *Acyrthosiphon pisum*, in Argentina 1198
hyneuron solitarium
yperparasitising, *Parthenolecanium corni*, in Czechoslovakia 3741
Czechoslovakia 3741
hyneurus, Tetrastichus
hythelia unicolor (see *Canephora*)
hytychius hordei
ontrol of, insecticides for 4437
Turkey 4437
n wheat, in Turkey 4437
ific region, plant pests and diseases in 1774
ifica, Megachile
ificus, Tetranychus
kardii, Melanoplus
ol (*see* Parathion, with oil emulsion)

Padan (*see* Cartap)
Paddy fields (*see* Rice-fields)
padellus, Yponomeuta, (*Hyponomeuta*)
Padi jantan disease (*see* Rice padi jantan disease)
padi, Rhopalosiphum
Paecilomyces farinosus
  against, *Leptinotarsa decemlineata* 3571
  in
    Harpalus rufipes, pathogenicity of 1573
    Leptinotarsa decemlineata
      development of infection with 2893
      effects of 4431
      pathogenicity of 4430, 4432
    orchard pests, in Lithuania 3948
    Pterostichus cupreus, pathogenicity of 1573
  with chlorfenvinphos, against, *Leptinotarsa decemlineata* 3571
  with DDT, against, *Leptinotarsa decemlineata* 3571
  with propoxur, against, *Leptinotarsa decemlineata* 3571
Pagria signata
  in India 616
  on soy bean
    damage caused by 616
    in Uttar Pradesh 616
Pak-choi (*Brassica chinensis*) (*see* Cabbage, Chinese)
Pakistan
  Acontia notabilis in, on cotton 3252
  Adelges spp. in, natural enemies of 2674
  Agrotis and allied genera in 856
  Aleurolobus barodensis in, on sugar-cane 1034
  Amrasca devastans in, on cotton 3930
  Bakerina spp. in 4050
  Carphoborus spp. in 705
  Cenopalpus spp. in 2979
  Dacus cucurbitae in 4787
  D. dorsalis in 3181
  D. zonatus in 3180
  Dialeurodes dothioensis in 3543
  Epipemphigus imaicus in, on *Populus* 3817
  forest pests in, natural enemies of 2863
  Icerya aegyptiaca in, natural enemies of 3123
  Lygaeinae in 2505
  Myllocerus undecimpustulatus in, on cotton 3930
  Oligonychus indicus in, on sugar-cane 1034
  Parlatoria blanchardii in, on date palm 5113
  Pemphigus spp. in, on *Populus* 3817
  Phloeomyzus passerinii in, on *Populus* 3817
  Pyrilla perpusilla in, on sugar-cane 1034
  Schistocerca gregaria in 441

Pakistan *contd.*
  Scirpophaga excerptalis in, on rice 4270
  Sesamia inferens in, on rice 4270
  Spodoptera exigua in 3620
  stored grain in, entomophagous insects in 5208
  Strepsicrates rhothia in
    natural enemies of 5136
    on guava 5136
  Tenuipalpus spp. in 4551
  Tetranychus urticae in
    on groundnut 4198
    on *Hibiscus esculentus* 4198
  Tryporyza incertulas in, on rice 4270
  T. innotata in, on rice 4270
  Tuckerella spp. in 2980
Palaearctic region
  Agriotes spp. in 3431, 3434
  Cetoniinae in 300
  Cossoninae in 1257
palaeolecanii, Coccophagus
Palaeolecanium bituberculatum (see *Eulecanium*)
pales, Hylobius
Pales pavida
  biology of 2021
  parasitising
    Galleria mellonella 2658
    Thaumetopoea processionea 2658
  rearing of, techniques for 2658
Paleticus, on avocado, in Queensland 4307
Palexorista, parasitising, *Phalanta phalantha,* in Nigeria 4389
palitans, Praon exsoletum (see *P. exsoletum*)
pallens, Geocoris
pallens, Hepialus
pallens, Oxycarenus
pallens, Schistocerca
pallescens, Blaptostethus piceus
palliatus, Hylurgops
pallida, Kaltenbachiella
pallida, Phytodecta
pallida, Scyllinops
pallidula, Pheidole
pallidula, Pristiphora
pallidum, Trichogramma
pallidus, Tarsonemus
pallidus, Trioxys
pallipalpis, Modicogryllus
pallipes, Apanteles
pallipes, Dimorphopterus
Palm, date (*see* Date palm)
Palm, oil (*see* Oil palm)
Palm, royal (see *Roystonea regia*)
palmarum, Cybocephalus
palmarum, Rhynchophorus
Palmitic acid (*see* Hexadecanoic acid)
Palmitoleic acid (*see* 9-Hexadecenoic acid, (*Z*)-)
Palorus subdepressus, control of, γ-irradiation for 2408
Palpita unionalis
  biology of 5135
  in Greece 5135
  on *Jasminum,* in Greece 5135
  on olive, in Greece 5135
paludicola, Hypera
paludosa, Tipula
palustris, Scapheremaeus
PAM (*see* Pyridinium, 2-[(hydroxyimino)methyl]-1-methyl-, iodide)
Pammene rhediella, on apple, damage caused by 4294
Pamphiliidae
  in Moldavia 3073
  in USSR 2250
  on *Larix,* in Europe 1534
Pamphiliini, taxonomy of 1678
Panama
  Chavesia eversi in, on banana 3435
  Rhynchophorus palmarum in, natural enemies of 862
  Scrobipalpopsis solanivora in, on potat
  3239
pandarus, Spilostethus
Pandemis cerasana
  in China 5125
  in Netherlands 5124
  in West Germany 3736
  larval mandibles in 5124
  on apple
    in China 5125
    in Netherlands 5124
    in West Germany 3736
  traps for 3736
Pandemis heparana
  in China 5125
  in Netherlands 5124
  in USSR 1142
  in West Germany 3736
  larval mandibles in 5124
  on apple
    in China 5125
    in Netherlands 5124
    in West Germany 3736
  on tea, in USSR 1142
  traps for 3736
Pandemis ribeana (see *P. cerasana*)
Panera nigrolineata
  in South Korea 3642
  preying on, *Hyphantria cunea,* in South Korea 3642
Pangamin (*see* Brewers' yeast)
paniceum, Stegobium
Panicum maximum, Stratiomyidae on, in Queensland 5082
Panolis flammea
  in West Germany 711, 4841
  on *Pinus,* in West Germany 711, 4841
  outbreaks of 4841

onychus citri
  caricide susceptibility in, effects of method of application on 4958
  ology of 3749–3750
  ontrol of
    acaricides for 2065, 3401, 5132
    Bacillus thuringiensis for 744
  cofol in, metabolism of 1734
  cofol susceptibility in 3957
  n Mozambique 3213
  n South Africa 3749
  n USA 2065
  n Venezuela 5132
  oninclusion virus in 3888, 4876
    serology of 5213
    specificity of 4877
  onoccluded virus (*see* noninclusion virus)
  n *Citrus,* in Venezuela 5132
  n orange
    in Florida 2065
    in Mozambique 3213
    in South Africa 3749
  opulation dynamics of 923
  reyed on by, *Amblyseius hibisci* 1845
  easonal behaviour in 2785
onychus ulmi
  caricide resistance in
    assessment of 976
    in South Korea 2924
    in UK 974
  caricide susceptibility in, in central Europe 4528
  iology of 3725
  ontrol of 556, 1462
    acaricides for 163, 1091, 1093, 1458, 1465, 1639, 1899, 2455, 2924, 3196–3197, 3731, 4774, 5234
    effects of pH of sprays on 159
    fumigants for 1466
    fumigation for 3199
    integrated 1087, 2325
    optimum droplet size for 4005
    orchard lighting for 5229
  iapause in 3191
  icofol in, effects of 3402
  ecundity in, effects of vine grafting stocks on 2768
  n Belgium 3246
  n Canada 1466, 3199, 3731, 4293
  n East Germany 1087
  n France 2657, 5229
  n Italy 5122
  n New Zealand 1807, 2779
  n Poland 563
  n South Korea 2924
  n Spain 1089, 1458, 3196–3197, 3725, 4774
  n Switzerland 2325
  n UK 564, 974, 3191, 3193, 5234
  n USA 159, 163–164, 1093, 1462, 1465, 1639, 1899, 2932
  n USSR 1091

Panonychus ulmi contd.
  in West Germany 2772, 5116
  in stored apples
    in Ontario 1466
    in Quebec 3199
  life-span in, effects of vine grafting stocks on 2768
  noninclusion virus in, not infective 4877
  on apple
    assessing infestations of 2772
    damage caused by 564
    effects of fungicides on 2325
    effects of insecticides on 2325
    effects of pesticides on 3402
    effects of sprinklers on 164
    forecasting infestations of 3246
    in Belgium 3246
    in East Germany 1087
    in France 2657
    in Italy 5122
    in Latvia 1091
    in Michigan 1462
    in New York 1093
    in New Zealand 2779
    in Ohio 1465
    in Ontario 3731
    in Pennsylvania 1899
    in Poland 563
    in Quebec 4293
    in Spain 1089, 3196–3197, 3725, 4774
    in Switzerland 2325
    in UK 564, 3193, 5234
    in Virginia 159
    in Washington 163–164, 1639
    in West Germany 2772
  on grapevine, in West Germany 5116
  on peach
    in Spain 1458, 3725
    in Virginia 159
  on pear
    in Italy 5122
    in Spain 1458, 3725
    in UK 3193, 5234
  on plum, in UK 3193
  parathion in, effects of 3402
  population dynamics of 2665, 4293
  predators of, effects of acaricides on 1091
  preyed on by
    Amblyseius fallacis 3126
      in Michigan 1462
    A. potentillae 2665
    Metaseiulus occidentalis 3126
    Stethorus punctum, in Pennsylvania 2932
    Typhlodromus pyri, and biological control using, in New Zealand 2779
    Zetzellia mali, in France 2657
  relation of spray droplet density and frequency of contact by 2478

Panonychus ulmi *contd.*
  winter eggs of, effects of temperature on hatching of 951
Panorpa communis
  in USSR 3947
  preying on, *Pristiphora abietina,* in Lithuania 3947
Pansepta teleturga
  in Papua New Guinea 4144
  on cacao, in New Britain 4144
Panstenon oxylus
  in Finland 1332
  preyed on by, *Mesopolobus graminum,* in Finland 1332
  preying on, *Javesella pellucida,* in Finland 1332
panteli, Oligotrophus
Pantomorus cervinus, in New Zealand 1810
Pantomorus godmani (see *P. cervinus*)
Pantorhytes albopunctulatus
  in Papua New Guinea 4144
  on cacao, in Papua 4144
Pantorhytes plutus
  in Papua New Guinea 4144
  on cacao, in New Britain 4144
Pantorhytes szentivanyi
  in Papua New Guinea 4144
  on cacao, in Papua 4144
Pantothenic acid, in *Itoplectis conquisitor,* dietary requirement for 350
Pantrin (*see* Carbaryl)
panzeri, Amblyteles
PAP (*see* Phenthoate)
Papaver somniferum, pests of, in Kirghizia 2702
papaverinum, Acyrthosiphon
papaveris, Anthocopa
Papaw (see *Carica papaya*)
Papaw bunchy top 2792
Papaw distortion ringspot virus
  in
    Aphis gossypii, transmission of 2792
    A. nerii, transmission of 2792
    A. spiraecola, transmission of 2792
    Carica papaya, in Venezuela 2792
    Cucurbita pepo, in Venezuela 2792
    Melothria guadalupensis, in Venezuela 2792
    Myzus persicae, transmission of 2792
Papaw faint mosaic ringspot virus, considered to be the same as papaw distortion ringspot virus 2792
Papaw leaf crinkle virus, considered to be the same as papaw distortion ringspot virus 2792
Papaw leaf reduction virus, in, *Myzus persicae,* transmission of 192
Papaw mild mosaic virus 2792
Papaw mosaico virus, considered to be the same as papaw distortion ringspot virus 2792
Papaw ringspot virus, considered to be th
  same as papaw distortion ringspot vir
  2792
Papaw yellow crinkle, (caused by tomato
  bud virus) 2792
Papaya (see *Carica papaya*)
Paper, dichlorvos in, residues of 2404
Papilio andraemon
  biology of 2335
  in Jamaica 2335
  on *Citrus,* in Jamaica 2335
Papilio demodocus, parasitised by, *Carce*
  evolans 5187
Papilio demoleus
  control of 577
    insecticides for 1472
  in India 577, 2278
  on *Chloroxylon swietenia,* in India 2
  on *Citrus*
    damage caused by 577
    in Uttar Pradesh 577
Papilio protenor demetrius, rearing of, d
  for 3059
papillosa, Tessaratoma
Papua New Guinea
  Dynastidae in, on coconut 2310
  Eupneusta solena in, on sugar-cane 5
  insect pests in 4144
  Milionia isodoxa in
    natural enemies of 4395
    on *Araucaria cunninghamii* 4395
  Oryctes rhinoceros in, on coconut 30
  Tracholena lipara in, on *Araucaria hunsteinii* 3290
papuana, Promecotheca
parabile, Trogoderma (see *T. variabile*)
Paracantha culta
  in USA 4011
  malathion in, toxicity of 4011
Paracheyletia bakeri
  biology of 115
  in Canada 115
  in Japan 115
  in USA 115
  preying on, *Tetranychus urticae* 115
Paracheyletia wellsi, in Egypt 2789
Paracinema tricolor, locustol not produc
  in 433
Paracoccus burnerae
  in South Africa 999
  on *Citrus,* in South Africa 999
  parasitised by
    Alamella kerrichi, in South Africa
    Gyranusoidea munda, in South Afri
      999
Paracolletes, traps for 4650
paraconfusus, Ips
Paradesmus coarctatus
  biology of 2229
  in USA 2229
Paradesmus gracilis
  biology of 2229

adesmus gracilis *contd.*
  ontrol of, pesticides for 2229
  USA 2229
adoxus, Paropta
aferrisia, gen. n., in New Zealand 2086
aguay, Tetranychidae in 4151
agus
  ggressive behaviour of ants towards
    4213
  reying on, aphids, in Kenya 4213
agus longiventris
  ggressive behaviour of ants towards
    4213
  Kenya 4213
  rey specificity in 3664
  reying on, aphids, in Kenya 4213
agus marshalli, prey specificity in 3664
agus tibialis
  USSR 5177
  reying on
    Cinara juniperina, in Kazakhstan 5177
    C. pseudosabinae, in Kazakhstan 5177
ahieroglyphus, taxonomy of, revision of
  1675
aivongius costatus
  Ivory Coast 451
  n cacao, in Ivory Coast 451
aivongius mouyassuensis
  p. n., description of 451
  Ivory Coast 451
  n cacao, in Ivory Coast 451
aivongius parvulus
  Ivory Coast 451
  n cacao, in Ivory Coast 451
aivongius pidigalaensis
  Ivory Coast 451
  n cacao, in Ivory Coast 451
alebeda plagifera
  iology of 1906
  n India 1906
  n *Citrus,* in West Bengal 1906
alia, Cheiloneurus
alobesia viteana
  ontrol of, insecticides for 551
  Bulgaria 551
  USA 3186, 4659
  n grape vine
    assessing infestations of 3186
    in Bulgaria 551
    in Pennsylvania 3186
  ex pheromone of 4659
  Tortricidae attracted by 3186
  raps for 4659
ametriotes theae
  ontrol of, insecticides for 4483, 5173
  Turkey 4483
  USSR 5173
  n tea
    in Turkey 4483
    in USSR 5173
ametriotidae
  amily-group names in 3441

Parametriotidae *contd.*
  genus-group names in 3441
Paramyelois transitella (see *Amyelois*)
Parandaspis, taxonomy of 4559
Parandaspis castelbrancoi, taxonomy of, *Saotomaspis* proposed as new generic name for 4559
Paranthrene tabaniformis
  in Greece 1547
  on poplar, in Greece 1547
Paraoxon (diethyl 4-nitrophenyl phosphate)
  against, *Drosophila melanogaster* 4959
  in *Diabrotica undecimpunctata* eggs, inhibiting esterase 23
  in *Lumbricus terrestris,* toxicity of 4963
  synergists for, atrazine as 4959
Paraquat-dichloride (*see* 4,4′-Bipyridinium, 1,1′-dimethyl-, dichloride)
    2327
Parasaissetia nigra
  control of, insecticides for 1107, 5132
  in Egypt 1107
  in Venezuela 5132
  on *Citrus,* in Venezuela 5132
  on guava, in Egypt 1107
Parasarcophaga aegyptica (see *Sarcophaga*)
Parasetigena agilis
  in USA 1844, 2672
  parasitising
    Lymantria dispar
      in Connecticut 1844
      in Massachusetts 2672
parasitellae, Apanteles
Parasitoid complexes, development of 1334
Parastichtis basilinea (see *Apamea sordens*)
Paratetranychus afrasiaticus (see *Oligonychus*)
Paratetranychus indicus (see *Oligonychus*)
Paratheresia claripalpis, parasitising, *Diatraea saccharalis,* and biological control using, in Guadeloupe 2284
Parathion (*O,O*-diethyl *O*-(4-nitrophenyl) phosphorothioate)
  against
    Acrolepia assectella 4500
    Acyrthosiphon dirhodum 124
    Adoxophyes orana 559
    Amitermes desertorum 261
    aphids 660
    Argyroploce lacunana 4286
    Aulacaspis tegalensis 320
    Aulacophora atripennis 2055
    A. foveicollis 1485, 2055
    Blissus leucopterus 143
    Buprestidae 3818
    Callosobruchus chinensis 2876
    Chloropulvinaria floccifera 4366, 4484
    Cnaphalocrocis medinalis 3168–3169
    Cnephasia pumicana 4743
    Cydia delineana 1946
    C. pyrivora 567
    Dasineura pyri 3201

Parathion *contd.*
  against *contd.*
    Diabrotica speciosa 1106
    Diacrisia obliqua 5144
    Dicladispa armigera 4265
    Drosophila melanogaster 3996, 4959
    Eulecanium spp. 2699
    Euproctis lunata 636
    Eurygaster spp. 1203
    Euscepes postfasciatus 1497
    Henosepilachna vigintioctopunctata 1228, 3780
    Hepialus lupulinus 4500
    Hyadaphis erysimi 2349, 3770
    Hylemya brassicae 1632
    H. floralis 602
    Hypera postica 4762
    Lachnosterna consanguinea 4953
    Liriomyza sativae 3772
    Lobesia botrana 4475
    Lygus hesperus 4334
    Macrosiphum avenae 124
    Maladera spp. 4504
    Myllocerus undecimpustulatus 1918
    Myzus persicae 4457
    Nysius spp. 508
    Ostrinia nubilalis 1632
    pests of apple 1087
    pests of jute 2839
    Petrobia latens 3157
    Pieris rapae 1632
    Planococcus citri 4471
    Platynota idaeusalis 566
    Pseudaulacaspis pentagona 2333
    Pyrilla perpusilla 3704
    Quadraspidiotus ostreaeformis 557
    Q. perniciosus 557, 1458
    Rhopalosiphum maidis 1873
    R. padi 124
    Salagena spp. 4777
    Scaphoideus littoralis 2767
    Schizaphis graminum 1873
    Scutigerella immaculata 4007
    Spodoptera littoralis 5250
    S. litura 2935
    Taeniothrips simplex 660
    Tetranychus urticae 1914
    Therioaphis trifolii 3709
    Trialeurodes vaporariorum 4954
  FAO specifications for 787
  formulations of 2935
  in *Apis mellifera,* effects of 4972–4973
  in cabbage, residues of 5257
  in cucumber, residues of 2954
  in forests, effects on birds of 3407
  in fowls, effects of 3412
  in grape vine, effects of 4472, 4474
  in grapes, residues of 4475
  in lettuce, residues of 1634
  in *Menochilus sexmaculatus,* toxicity of 2470
  in mustard, residues of 3762

Parathion *contd.*
  in orchards, effects on birds of 3406
  in *Panonychus ulmi,* effects of 3402
  in *Pegomya nigritarsis,* toxicity of 227
  in *Pemphigus bursarius,* effects of 2479–2480
  in *Philonthus fuscipennis,* toxicity of 1502
  in *Poekilocerus pictus,* effects of 4951
  in pumpkin, residues of 2954
  in quail, effects of 3412
  in rape, residues of 3762
  in rice, effects on pollen of 2737
  in rodents, residues of 1646
  in sarson, residues of 5256
  in soil
    adsorption of 3984
    insecticidal activity of 1226
    residues of 4982, 4985
    uptake of, by tomatoes 5153
  in *Solanum melongena,* residues of 29
  in *Synharmonia,* toxicity of 5254
  in *Tachyporus hypnorum,* toxicity of 1502
  in tobacco, residues of 4943
  in tomato, residues of 2954, 4982
  in *Tribolium castaneum,* effects of 29
  in water, residues of 3415
  resistance to, in
    Myzus humuli, in West Germany 4732
    M. persicae 2459
      in Czechoslovakia 5239
    Panonychus ulmi, in South Korea 2924
  synergists for
    atrazine as 4959
    2,4-D as 4959
    monuron as 4959
    simazine as 4959
  with Bordeaux mixture, against, *Empoasca flavescens* 2767
  with DDT, against, *Agrilus suvorovi* 3818
  with endosulfan
    against
      Brevicoryne brassicae 3762
      Pieris rapae 5143
      Plutella xylostella 5143
      Trichoplusia ni 5143
  with endrin, against, *Spodoptera frugiperda* 5092
  with EPN, against, *Spodoptera littorali* 5250
  with monocrotophos, against, *Spodopte frugiperda* 5092
  with oil emulsion
    against
      Archips rosanus 3202
      Mycetaspis personata 3759
      Unaspis citri 4310

thion *contd.*
th protein bait
against
  Anastrepha fraterculus 5107
  Ceratitis capitata 5107
th quinomethionate, against,
  Tetranychus urticae 1914
thion-ethyl (*see* Parathion)
thion-methyl (*see* Methyl-parathion)
trechina longicornis
USA 1855
eying on, soy-bean pests, in Florida 1855
trechina melanderi arenivaga
USA 4695
eying on, *Solenopsis invicta,* in Mississippi 4695
vespula germanica (see *Vespula*)
zeae, Cicadulina
us, Orgilus
dalaspis cyanescens
ology of 4664
Malagasy Republic 4664
Mauritius 4664
Réunion 4664
tomato, in Réunion 4664
rasitised by
  Dirhinus giffardii 5231
  Syntomosphyrum indicum 5231
  Tetrastichus giffardianus 5231
aring of, techniques for 4664
dalaspis quinaria
tractants for 4671
Sudan 4671
lalina, Locustana
dosa ramulosa, on lucerne, collection of 4657
nthesis, Hippodamia
ana, Eutromula
Anthophila)
Simaethis)
idae, preying on, *Pristiphora abietina,* in Lithuania 3947
ischnaspis
xonomy of
  characters distinguishing *Ischnaspis* and 4993
  characters distinguishing *Trischnaspis* and 4993
kinsonia aculeata, *Icerya aegyptiaca* on, in Pakistan 3123
latoria, in Turkey 4459
latoria blanchardii
iology of 2765, 5113
ontrol of
  cultural practices for 5113
  insecticides for 5113
istribution of 5113
Egypt 1383, 2765
Iran 5113
Israel 2269, 5070
Morocco 2311
Parlatoria blanchardii *contd.*
  on date palm
    in Egypt 2765
    in Iran 5113
    in Israel 2269, 5070
    in Morocco 2311
    varietal preferences of 2312
  parasitised by, *Aphytis mytilaspidis,* in Iran 5113
  preyed on by
    Chilocorus bipustulatus
      and biological control using, in Morocco 2311
      in Iran 5113
    Cybocephalus mesopotamicus, in Iran 5113
    C. nigriceps, in Israel 2269, 5070
    C. palmarum, in Iran 5113
    C. rufifrons, in Iran 5113
    Eutogenes africanus, in Egypt 1383
    Nephus quadrimaculatus, in Iran 5113
Parlatoria oleae
  biology of 57
  in Egypt 3647
  in Turkey 4480
  in USSR 997
  on *Pistacia vera,* in Turkey 4480
  parasites of, in Turkmenia 997
  preyed on by
    Cheletogenes ornatus, in Egypt 3647
    Eutogenes africanus 1383
Parlatoria pergandii
  acaricides in, toxicity of 278
  in Israel 3745, 5070
  in USA 188, 278
  on *Citrus*
    in Florida 188, 278
    in Israel 3745, 5070
  parasitised by
    Aphytis hispanicus, in Israel 3745
    Prospaltella inquirenda, in Israel 3745
  preyed on by, *Cybocephalus micans,* in Israel 5070
Parnara mathias (see *Pelopidas*)
Paropsis charybdis
  biology of 719
  control of 719
  in Australia 719
  in New Zealand 719
  on *Eucalyptus,* in New Zealand 719
Paropta paradoxus
  biology of 1886
  in Israel 1886
  on grape vine, in Israel 1886
Parsley (*Petroselinum crispum*)
  Psila rosae on, in UK 2358
Parsnip (*Pastinaca sativa*)
  Psila rosae on
    in England 4955
    in UK 2358
partellus, Chilo
partenopea, Encarsia, (*Trichaporus*)

Parthenocissus quinquefolia, *Harrisina americana* on, in Florida 2587
Parthenolecanium corni
  biology of 570, 1451
  control of 1451
  hyperparasites of, in Czechoslovakia 3741
  in Czechoslovakia 3741
  in Hungary 3207
  in Turkey 4459
  in UK 1451
  on peach
    in Hungary 3207
    varietal preferences of 3207
  parasitised by
    Blastothrix confusa, in Czechoslovakia 3741
    Coccophagus lycimnia, in Czechoslovakia 3741
    Metaphycus insidiosus, in Czechoslovakia 3741
    Microterys sylvius, in Czechoslovakia 3741
Parthenolecanium rufulum
  in USSR 1142
  on tea, in USSR 1142
partitus, Serrodes
Parus, preying on, *Zeiraphera diniana* 1016
Parus ater
  pesticides in, effects of 3407
  preying on, *Nematus pavida,* in Austria 5188
Parus atricapillus, preying on, *Lambdina fiscellaria,* in Newfoundland 1853
Parus caeruleus, pesticides in, effects of 3406
Parus major
  pesticides in, effects of 3406–3407
  preying on, *Thaumetopoea pityocampa,* in Spain 669
Parvovirus, in, *Galleria mellonella,* effects of 4896
parvula, Mengenilla
parvulum, Tetropium
parvulus, Paraivongius
parvulus, Sphenophorus
parvus, Eysarcoris
Pasimachus elongatus, defensive scent fluid of 343
Paspalum, *Sturnella magna* on, in Florida 4707
Paspalum sanguinale, *Dicladispa armigera* on, in India 4265
Paspalum virgatum, *Diatraea impersonatella* on, in Guadeloupe 2284
Passer domesticus, pyrethrins in, effects of 2072
Passer melanurus melanurus, dieldrin in, toxicity of 765
Passer montanus
  pesticides in, effects of 3406
Passer montanus contd.
  preying on, *Lymantria dispar,* in Japan 3535
passerinii, Phloeomyzus
Passiflora edulis (see Passion fruit)
Passiflora pallida, *Dasiops passifloris* on, Florida 2338
passifloris, Dasiops
Passion fruit (*Passiflora edulis*)
  Agraulis vanillae on, in Colombia 20
  Brevipalpus phoenicis on, in Hawaii 3503
  Polyphagotarsonemus latus on, in Uga 4315
Passionflower (*see* Passion fruit)
Passionflower, corky-stemmed (see *Passiflora pallida*)
Pastinaca, *Phytomyza* spp. on 2976
Pastinaca sativa (see Parsnip)
pastinacae, Cavariella
pastinacae, Phytomyza
Pastures (*see also* Grassland)
  Aeneolamia contigua in
    assessment of damage by 2746
    in Mexico 2743
  Costelytra zealandica in, in New Zeala 5103
  Halotydeus destructor in, in Tasmania 1805
  Subcoccinella vigintiquattuorpunctata in New Jersey 5037
Patasson, parasitising, *Phrydiuchus tau,* Yugoslavia 488
Patasson conotracheli, taxonomy of, *Patasson luna* distinct from 1447
Patasson luna
  in Canada 1447
  in USA 1447
  parasitising, *Hypera postica,* in Ontario 1447
  taxonomy of, *Patasson conotracheli* distinct from 1447
Patrocloides montanus
  in USA 5166
  parasitising, *Trichoplusia ni,* in Califor 5166
paulensis, Monoctonus
paulistorum, Drosophila
paulseni, Tana
pauperculus, Stethorus
Paurocephala gossypii
  biology of 3243
  in Central African Republic 3243
  on cotton, in Central African Republic 3243
Pauropsylla trichaeta
  biology of 4305
  descriptions of 4305
  in Egypt 4305
  on *Ficus sycomorus,* in Egypt 4305
Paururus noctilio (see *Sirex*)
pavida, Kleemannia

vida, Nematus, (*Pteronidea*)
vida, *Pales*
P (*see* Phenol, pentachloro-)
-tsai (*Brassica pekinensis*) (*see* Cabbage, Chinese)
a (*Pisum sativum*)
  Acyrthosiphon pisum on
    development of 4763
    in British Columbia 2668
    in Bulgaria 1916
    in Finland 5237
    resistance to 1593, 5148, 5237
  Agrotis segetum on, in Rajasthan 4235
  ldrin in, metabolism of 1229, 2052
  Apion spp. on, in West Germany 197
  γ-BHC in
    effects of 4020
    translocation of 4010
  Bruchus pisorum on
    in India 5147
    in South Australia 4336
    in Turkey 4486
  Caliothrips indicus on, in Madhya Pradesh 1917, 3233
  Callosobruchus maculatus on, in Iran 4123
  iazinon in
    metabolism of 4009
    systemic activity of 612
  Etiella zinckenella on
    in India 1120
    in Punjab 5146
  Halotydeus destructor on, in South Australia 4336
  Heliothis armigera on
    feeding preferences of 3760
    in Philippines 2815
  H. punctigera on, in South Australia 4336
  Hylemya platura on
    in New York 3227
    in UK 2355
  nsect pests of, in Rajasthan 1121
  nsecticides in, effects of 5145
  Lampides boeticus on, in Punjab 5146
  nalathion in, systemic activity of 612
  Ophiomyia phaseoli on, in Uttar Pradesh 613
  ea enation mosaic virus in, effects of 331
  ea leaf-roll virus in, aphid transmission of 4789
  Penthaleus major on, in Tasmania 1805
  Phytomyza horticola on
    in India 1120
    in Madhya Pradesh 1841
    in Philippines 2815
    in Uttar Pradesh 4335
  Sitona spp. on
    in UK 4396
    in West Germany 197
  S. limosus on, in Israel 3027

Pea *contd.*
  Sitona contd.
  S. lineatus on, resistance to 1486
  Spodoptera exigua on, development of 1360
  Tetranychus urticae on, in Jordan 4905
  Xestia c-nigrum on, in Ukraine 4188
Pea, black-eyed (see *Vigna unguiculata*)
Pea, chick (see *Cicer arietinum*)
Pea, cow (see *Vigna unguiculata*)
Pea enation mosaic virus
  hosts of 4865
  in
    Acyrthosiphon pisum
      effects of 331
      localisation of 732
      transmission of 234, 238, 2426, 4864–4865, 5214
    Aphis fabae, transmission of 4864
    Aulacorthum circumflexum, transmission of 1996
    A. solani, transmission of 1996
    Megoura viciae, transmission of 4864
    Myzus persicae
      effects of 331
      transmission of 4864
    pea, effects of 331
  purification of 2426
Pea enation virus
  hosts of 4330
  in, *Acyrthosiphon pisum*, transmission of 4330
Pea false leaf roll virus
  in
    Acyrthosiphon pisum, not transmitted 2814
    Aulacorthum circumflexum, not transmitted 2814
    Chenopodium album, infectivity of 2814
    Myzus persicae, transmission of 2814
    Pythium ultimum, transmission of 2814
Pea flour, *Tribolium castaneum* in 2124
Pea leaf roll virus
  in
    Acyrthosiphon pisum
      persistence of 200
      transmission of 199, 611, 3229
        effects of plant on 4789
    A. sesbaniae, transmission of 3229
    Aphis craccivora
      not transmitted 3713
      transmission of 3229
    A. fabae
      in West Germany 3230
      transmission of 3229
    A. gossypii, transmission of 3229
    Macrosiphum euphorbiae, transmission of 199
    Myzus persicae, transmission of 199, 3229, 3713

Pea leaf roll virus *contd.*
- in *contd.*
  - *Therioaphis trifolii,* not transmitted 3229
  - *Vicia faba,* in West Germany 3230
- subterranean clover stunt virus, relation of, and 3713

Pea mosaic virus, vectors of 3306

Pea, pigeon (see *Cajanus cajan*)

Pea, southern (see *Vigna unguiculata*)

Pea (stored seeds), *Bruchidius incarnatus* in, in Egypt 3303

Pea, sweet (see *Lathyrus odoratus*)

Peach (*Prunus persica*)
- *Aculus cornutus* on
  - in Egypt 1337
  - in Georgia (USA) 4304
- *Adris tyrannus* on, in Japan 2336
- *Agistemus exsertus* on, in Egypt 540
- *Anarsia lineatella* on
  - in Georgia (USSR) 4300
  - in Spain 3727
- *Asterolecanium pustulans* on, in Egypt 3178
- *Brachycaudus helichrysi* on, in Turkmenia 1110
- *B. persicae* on
  - in New South Wales 4192
  - in Switzerland 3190
- *Ceratitis capitata* on, in Spain 1458
- *Cydia molesta* on
  - in Georgia (USA) 2542
  - in Hungary 3205
  - in Moldavia 3080
  - in Ontario 4158
- *Enarmonia formosana* on, in West Germany 1470
- *Eulecanium prunastri* on, in Hungary 3207
- Galecron in, residues of 2947–2948
- *Hyalopterus pruni* on 4467
  - feeding by 3037
  - in Egypt 1893–1894
  - in Iraq 921
- *Lachnosterna consanguinea* on, in India 4189
- *Macchiademus diplopterus* on, in South Africa 4248
- *Myzus persicae* on
  - in New South Wales 4192
  - in Spain 178, 1458, 3208, 3742
  - in Washington 1205, 5128
- *M. varians* on, in Switzerland 3190
- *Oecanthus nigricornis* on, in Ontario 3206
- *Panonychus ulmi* on
  - in Spain 1458, 3725
  - in Virginia 159
- *Parthenolecanium corni* on, in Hungary 3207
- *Pseudaulacaspis pentagona* on
  - in Florida 177

Peach *contd.*
- *Pseudaulacaspis pentagona* on *contd.*
  - in Virginia 2333
- *Quadraspidiotus perniciosus* on
  - in Hungary 3207
  - in Spain 1458
- *Rhopalosiphum padi* on, in Switzerland 3190
- *Serrodes partitus* on, in South Africa 176
- *Tetranychus urticae* on, in Florida 5129
- *T. viennensis* on, in Turkey 4468

Peach western X-disease
- causal agent
  - in
    - *Colladonus montanus,* effects of bacteria on transmission of 386
    - *Fieberiella florii,* transmission of 4612

Peach X-disease, causal agent, in, *Fieberie florii,* transmission of 4612

Peach yellow leaf roll, causal agent, in, *Fieberiella florii,* transmission of 4612

Peanut (*see* Groundnut)

Pear (*Pyrus communis*)
- acaricides in, residues of 3982
- *Adoxophyes orana* on, in France 559
- *Agistemus exsertus* on, in Egypt 540
- *Anthonomus piri* on, in Poland 568
- *Archips rosanus* on, in Spain 3202
- *Brevipalpus phoenicis* on, in Egypt 189
- *Carposina sasakii* on, in Maritime Province 5123
- *Cenopalpus pulcher* on, in Egypt 1891
- *Cerambyx dux* on, in Malta 4616
- *Contarinia pyrivora* on, in UK 4298
- *Cydia pomonella* on
  - in California 1468–1469
  - in Spain 1095, 1458
- *C. pyrivora* on
  - in Hungary 567
  - in USSR 3737
- *Dasineura pyri* on
  - in Spain 1095, 3201
  - in UK 4298
- *Eulecanium bituberculatum* on, in USSR 5121
- *Euproctis chrysorrhoea* on, in East Germany 3739
- *Fieberiella florii* on, in Oregon 4612
- fruit-sucking moths on, in South Korea 151
- Galecron in, residues of 2947–2948
- *Hemiberlesia lataniae* on, in Egypt 317
- *Hoplocampa* spp. on, in Turkey 4466
- *H. brevis* on, in Spain 3203
- *Janus compressus* on, in Spain 1096
- *Lachnosterna consanguinea* on, in India 4189
- leafrollers on, in Hungary 1084
- *Macchiademus diplopterus* on, in South Africa 4248

ar *contd.*
  Numonia pirivorella on, in Maritime Province 5123
  Operophtera bruceata on, in British Columbia 3726
  Panonychus ulmi on
    in Spain 1458, 3725
    in UK 3193, 5234
  Perotis lugubris on, in Romania 1081
  pests of, in Italy 5122
  Psylla pyri on
    in France 3457
    in Netherlands 3738
  P. pyricola on
    in British Columbia 3661
    in California 1469
    in Washington 1639
    resistance to 2780
  P. vasilievi on, in Moldavia 3074
  Quadraspidiotus perniciosus on, in Spain 1082, 1458
  Spilonota prognatha on, in Maritime Province 5123
  Stigmella pyri on, in Netherlands 2330
  Tetranychus cinnabarinus on, in Egypt 558
  T. urticae on, in UK 3193, 5234
ar, avocado (*see* Avocado)
ar juice, attractant for, *Synanthedon myopaeformis* 1090
ar (stored fruit)
  acaricides in, residues of 2487
  aldicarb in, residues of 1639
  luenetil in, determination of 2187
can (*Carya illinoensis*)
  Curculio caryae on, in Oklahoma 2769
  Eotetranychus hicoriae on, in Georgia (USA) 3721
  Heliothis virescens on, in Georgia (USA) 4290
  H. zea on, in Georgia (USA) 4290
  Hyphantria cunea on, in Louisiana 1454
  nsect pests of, in Mexico 2762
  Monellia spp. on, in Georgia (USA) 3721
  pests of, in South Carolina 154
  Phylloxera notabilis on, in Georgia (USA) 3722
  Salagena spp. on, in South Africa 4777
ctin
  diet component for, *Popillia japonica* 4660
  n *Phoracantha semipunctata,* yeasts aiding utilisation of 3277
ctinase (*see* Polygalacturonase)
ctinatus, Aspidiotus (see *Diaspidiotus africanus*)
ctinicornis, Cladius
ctinophora gossypiella
  amino acids in 877
  attractants for
    effects of impurities in 3795

Pectinophora gossypiella *contd.*
  attractants for *contd.*
    responses to 2580
  biology of 1503
  chemoreceptors in 1707
  control of
    biological 1523
    cultural practices for 4819
    in Mexico 1508
    insecticides for 1138, 1509, 1521, 2370, 2830, 3259, 3785, 3787, 3789, 3797, 4358, 4451–4452, 4810, 5169
    release of γ-irradiated moths for 4815
    sterile-insect release for 3910
  cytoplasmic polyhedrosis virus in 2900
  diapause in 641, 3021, 3507
  Diplodia gossypina in, transmission of 2372
  emergence in, effects of crop rotation on 4821
  enzymes in 1135
  in Cambodia 2370
  in Central African Republic 1521
  in Colombia 1928
  in Egypt 211, 641–642, 1138, 1381, 1503, 3787, 3797, 4810, 5169
  in India 3259, 3785, 3789, 4358
  in Israel 3795
  in Ivory Coast 5236
  in Mexico 1508–1509, 1511, 3910
  in Sudan 2365, 2830, 3247
  in Turkey 4451–4452
  in USA 78, 477, 2580, 3910, 3927, 4133, 4818–4819, 4821
  in asparagus fields, in California 4133
  in dried bolls, in Egypt 1381
  in lucerne fields, in California 4133
  in stored cotton seeds, in Egypt 1381
  mating in 4133
  nuclear polyhedrosis virus in, infectivity of 3885
  on cotton
    damage caused by 3247
    in Arizona 3927, 4819
    in California 78, 477, 4133, 4818
    in Cambodia 2370
    in Central African Republic 1521
    in Colombia 1928
    in Egypt 211, 641–642, 1138, 1503, 3787, 3797, 4810, 5169
    in Haryana 3259, 3785
    in Israel 3795
    in Ivory Coast 5236
    in Madras 4358
    in Mexico 1508–1509, 1511
    in Rajasthan 3789
    in Sudan 2365, 2830, 3247
    in Turkey 4451–4452
    varietal preferences of 211, 642, 5236
  parasites of 2024
  parasitised by
    Bracon kirkpatricki 1523

Pectinophora gossypiella *contd.*
  parasitised by *contd.*
    Bracon kirkpatricki contd.
      and biological control using
        in Arizona 3927
        in California 477
    Chelonus blackburni, and biological control using, in Arizona 3927
    C. curvimaculatus 1523
    Pyemotes herfsi, in Egypt 1381
  predators of 2024
  preyed on by
    Chrysopa carnea, in California 4818
    Geocoris pallens, in California 4818
    G. punctipes, in California 4818
    Nabis americoferus, in California 4818
    Notoxus calcaratus, in California 4818
    Orius tristicolor, in California 4818
    Spanagonicus albofasciatus, in California 4818
  research on, in USA 1525
  sex pheromone of
    identity of 4591
    inhibitors of responses to 3418
  sterilisation of
    chemosterilants for 4607
    γ-irradiation for 2012
  traps for 78
pedalis, Pimpla
Pediasia atrisquamalis (see *P. mixtalis*)
Pediasia mixtalis
  in Japan 1417
  seasonal abundance of 1417
Pedinus femoralis
  control of, insecticides for 622
  in USSR 622
  on sugar-beet, in USSR 622
Pediobius, taxonomy of, revision of 1267
Pediobius coffeicola
  flight activity in 4825
  in Kenya 4825
  parasitising, *Leucoptera meyricki,* in Kenya 4825
Pediobius facialis
  in Italy 1074
  parasitising, *Ancylis comptana,* in Italy 1074
Pediobius lithocolletidis
  in USA 116
  parasitising, *Phytomyza ilicicola,* in Florida 116
Pediobius routensis
  hyperparasitising, *Prays oleae,* in Lebanon 4312
  in Lebanon 4312
  parasitising, *Elasmus flabellatus,* in Lebanon 4312
Pediobius thysanopterus
  sp. n., description of 4060
  in Egypt 4060
  in Israel 4060
Pediobius thysanopterus *contd.*
  parasitising
    Gynaikothrips ficorum
      in Egypt 4060
      in Israel 4060
Pegomya betae
  control of, insecticides for 623, 3929
  in Egypt 3929
  in Finland 624
  in France 3116
  in USSR 623, 4342
  on beet, damage caused by 4179
  on sugar-beet
    in Egypt 3929
    in France 3116
    in Siberia 4342
    in USSR 623
  parasites of, in France 3116
  population dynamics of, effects of physi
    factors on 827
  preyed on by, *Lygus rugulipennis,* in Finland 624
Pegomya hyoscyami
  in West Germany 205
  on potato, in West Germany 205
  on *Solanum dulcamara* 205
  on *Solanum laciniatum* 205
Pegomya hyoscyami **auct.** (see *P. betae* or *P. mixta*)
Pegomya mixta
  biology of 1491–1493
  descriptions of 1492
  in Egypt 1491–1493
  on sugar-beet, in Egypt 1491–1493
  parasitised by
    Opius spp., in Egypt 1493
    Phygadeuon spp., in Egypt 1493
Pegomya nigritarsis
  biology of 2277
  in Netherlands 2277
  on *Polygonum* 2277
  on *Rumex obtusifolius,* in Netherlands 2277
  pesticides in, toxicity of 2277
PEI 75 (*see* Dimethoate)
PEI 82 (*see* Dimethoate)
pelargonii, Acyrthosiphon
Pelargonium flower-break virus
  in, *Myzus persicae,* not transmitted 11
  properties of 1149
Pelecanus occidentalis, DDE in, effects of
  3408–3409
Pelican, brown (see *Pelecanus occidentalis*
pellio, Attagenus
pellionella, Tinea
pellucens, Oecanthus
pellucens, Rogas
pellucida, Javesella
pellucidaria, Lambdina
Pelopidas mathias
  in India 3695

opidas mathias *contd.*
n *Livistona chinensis,* in Madhya Pradesh 3695
tigera, Heliothis
nphigus
n *Populus ciliata,* in Pakistan 3817
arasitised by
  Protaphelinus nikolskajae
    in India 1256
    in Pakistan 3817
reyed on by
  Anthocoris spp., in Pakistan 3817
  Leucopis spp., in Pakistan 3817
nphigus bursarius
iology of 2346, 2804
ontrol of 2804
1 UK 2804
1 West Germany 2346
1secticides in, effects of 2479–2480
n lettuce
  in UK 2804
  in West Germany 2346
  resistance to 3937
nphigus fuscicornis
evelopment in, effects of ecological factors on 3076
1 Pakistan 3817
n *Euphorbia helioscopia,* in Pakistan 3817
n *Populus nigra,* in Pakistan 3817
nphigus lichtensteini (see *P. fuscicornis*)
nphigus mordwilkoi
1 Pakistan 3817
n *Populus ciliata,* in Pakistan 3817
nphigus siphunculatus
1 Pakistan 3817
n *Populus ciliata,* in Pakistan 3817
1cap M (*see* Methyl-parathion)
1cotíon (*see* Malathion)
dula, Wesmaelia
1eus aztecus, Plusia nuclear polyhedrosis virus in 2037
1eus setiferus, Plusia nuclear polyhedrosis virus in 2037
1icillin, in *Sitophilus oryzae,* effects of 3394
1icillin G, in *Xyleborus ferrugineus,* effects on oviposition of 1358
1icillium
1
  Dendroctonus frontalis 2896
  orchard pests, in Lithuania 3948
1icillium expansum, in, *Tenebrio molitor,* effects of 4414
1icillium insectivorum, in, orchard pests, in Lithuania 3948
1naria, Colotois
1natula, Psalis
1nisetum purpureum
)iplopoda on, in Central African Republic 1362
Lachnosterna consanguinea on 4189
Pennisetum typhoides
  Amsacta moorei on 2111
  Atherigona soccata on, in Uttar Pradesh 2727
  Bagrada hilaris on, in India 5050
  Chiloloba acuta on, in Uttar Pradesh 2727
  Cryptoblabes gnidiella on, in Uttar Pradesh 2727
  Euproctis virguncula on, in Rajasthan 1867
  Lachnosterna consanguinea on 4189
    in Uttar Pradesh 1114
  Lepidopterous stem-borers on, in West Africa 2703
  Mylabris pustulata on, in Madras 515
  Myllocerus spp. on, in Rajasthan 1043
  M. cardoni on, in Rajasthan 5093
  M. undecimpustulatus on, in Rajasthan 1416
  Protaetia alboguttata on, in Rajasthan 2224
  P. aurichalcea on, in Rajasthan 2224
Pennisetum typhoideum (see *P. typhoides*)
Pennsylvania
  apple in, pests of 1899
  Archips semiferanus in 4085
  Argyrotaenia velutinana in, on apple 1467
  Eulachnus agilis in, on *Pinus* 221
  Lymantria dispar in 2862
    natural enemies of 5179
    on *Quercus* 4831
  Oligonychus ununguis in, natural enemies of 1390
  Panonychus ulmi in, natural enemies of 2932
  Paralobesia viteana in, on grape vine 3186
  Platynota idaeusalis in, on apple 566, 1467
  Subcoccinella vigintiquattuorpunctata in, on *Coronilla varia* 5038
pennsylvanicus, Gryllus
pensylvanica, Vespula
pensylvanicus, Harpalus
Pentac (*see* Bi-2,4-cyclopentadien-1-yl, 1,1′,2,2′,3,3′,4,4′,5,5′-decachloro-) 2848
Pentacosane
  in *Melanoplus sanguinipes,* incorporated into wax esters 4204
  produced by *Heliothis zea,* attractive to *Trichogramma evanescens* 1708
pentagona, Pseudaulacaspis
Pentalonia nigronervosa
  banana bunchy top, causal agent in, transmission of 2340
  in Mozambique 3217
  on banana, in Mozambique 3217
Pentanedioic acid, 2-amino-, (*S*)- (*see* L-Glutamic acid)

Pentanoic acid, 2-amino-5-[(aminoiminomethyl)amino]-, (*S*)- (*see* L-Arginine)
Pentanoic acid, 2-amino-3-methyl-, [*S*-(*R,*R**)]-** (*see* L-Isoleucine)
Pentanoic acid, 2-amino-4-methyl-, (*S*)- (*see* L-Leucine)
Pentanoic acid, 2,5-diamino-, (*S*)- (*see* L-Ornithine)
Pentanoic acid, 2,5-diamino-5-oxo-, (*S*)- (*see* L-Glutamine)
Pentanoic acid, 4-oxo-
  kelevan photoproduct 4945
  photolysis of 4945
  ethyl ester
    kelevan photoproduct 4945
    photolysis of 4945
Pentarthrum huttoni
  in UK 4858
  in maltings, in UK 4858
Pentatomidae
  control of, insecticides for 126
  enzymes in, related to taxonomy 4089
  on cacao, in Nigeria 1528
  on cotton, in Iran 4360
  on grain crops, in Bulgaria 126
  preying on, *Lymantria dispar,* in Pennsylvania 5179
  traps for 4650
Pentatrichopus fragaefolii (see *Chaetosiphon*)
2-Pentenoic acid, 5-[3-ethyl-3-[2-(3-ethyl-3-methyloxiranyl)ethyl]oxiranyl]-3-methyl-, methyl ester, in insects, metabolite of cecropia C_{18} hormone 3473
Penthaleus major
  biology of 1805
  in Australia 1805
  on oats, in Tasmania 1805
  on pea, in Tasmania 1805
pentheus, Chrysocharis
Pentzia viridis, *Oxyacanthus incohatus* on, in South Africa 305
Penyakit merah virus (*see* Rice penyakit merah virus)
Pepper, chilli (see *Capsicum*)
Pepper, red (see *Capsicum*)
Pepper, sweet (see *Capsicum*)
Pepper veinal mottle virus
  in
    Aphis gossypii, transmission of 2429
    A. spiraecola, transmission of 2429
    Capsicum frutescens
      in Ghana 2429
      in Ivory Coast 2429
    Toxoptera citricida, transmission of 2429
Pepro (*see* Phenol, 2-(1,1-dimethylethyl)-4,6-dinitro-, acetate (ester))
Peptones, culture-medium component for, *Hirsutella thompsonii* 2003
percaudatus, Tetrastichus
perdistincta, Campoletis
peregrina, Eupulvinaria
peregrinus Agriotes
peregrinus, Amblyseius, (*Typhlodromalus*)
peregrinus, Eupteromalus
peregrinus, Graphognathus
Peregrinus maidis, distribution maps for 2180
peregrinus, Otiorhynchus
perezi, Steropleurus
Perezia fumiferanae, in, *Choristoneura fumiferana,* morphology of 729
perfectus, Trichomalus
Perfekthion (*see* Dimethoate)
Perfektion (*see* Dimethoate)
perforans, Xyleborus
Pergamasus crassipes
  biology of 3839
  in West Germany 3839
Pergamasus quisquiliarum
  biology of 3656
  in USA 3656
  preying on, *Scutigerella immaculata,* in Oregon 3656
pergandei, Solenopsis
Pergandeida cracca (see *Aphis*)
pergandii, Parlatoria
Peribaea orbata
  in Australia 2501
  in India 2662
  parasitising
    Spodoptera exigua, in Gujarat 2662
    S. litura, in Gujarat 2662
  taxonomy of, transferred from *Strobliomyia* 2501
Pericallia ricini
  biology of 4369
  in India 4369
  on *Impatiens balsamina,* in Rajasthan 4369
  on *Zinnia grandiflora,* in Rajasthan 43
Pericoptus truncatus, *Bacillus* spp. in, infectivity of 4883
Peridesmia discus
  parasitising, *Hypera postica* 2194
  rearing of, techniques for 2194
Peridontopyge galicheti
  in Chad 3784
  on cotton, in Chad 3784
Peridontopyge schoutedeni
  in Central African Republic 1362
  on cotton, in Central African Republic 1362
  on groundnut, in Central African Republic 1362
Peridroma saucia
  control of, insecticides for 5138
  in Finland 1338
  in France 5138
  in Turkey 4469
  in USA 649
  on cotton, in Texas 649

- ***eridroma saucia* contd.**
  - on *Cynara scolymus,* in France 5138
  - on grape vine, in Turkey 4469
- ***erilampus tristis***
  - in USSR 4770
  - parasitising, *Cydia pomonella,* in Moldavia 4770
- ***erilissus lutescens,*** diapause in 472
- ***erilloides bioculatus***
  - acclimation of 838
  - insecticides in, toxicity of 1243
  - preying on, *Leptinotarsa decemlineata* 838
- ***erillus bioculatus*** (see *Perilloides*)
- ***eriplaneta americana***
  - diet component for, *Monomorium pharaonis* 4691
  - in packaging materials, damage caused by 3865
  - insecticides in, effects of 2943
  - nervous system in 4097
  - neuroactivity of L-leucine in 4530
- ***eriploca mimula***
  - in USA 5176
  - on *Juniperus chinensis,* in Tennessee 5176
- ***eristenus pseudopallipes***
  - attraction of, to food-plant of host 4628
  - parasitising, *Lygus lineolaris* 4628
- ***eristenus stygicus***
  - development in 3138
  - in France 3138
  - in Turkey 3138
  - parasitising, *Lygus hesperus* 3138
- ***erithemis seminole***
  - in USA 3654
  - preying on, Dolichopodidae, in Florida 3654
- ***erithemis tenera seminole*** (see *P. seminole*)
- ***erkinsiella saccharicida***
  - biology of 123
  - control of 123, 5080
  - in Australia 5080
  - in Malagasy Republic 3902
  - mycoplasma-like organisms in, in Malagasy Republic 3902
  - on sugar-cane, in Queensland 5080
  - preyed on by
    - *Coccinella arcuata,* in Queensland 5080
    - *Tytthus mundulus,* in Queensland 5080
- ***erla, Chrysopa***
- ***erlatus, Coccus***
- **ermanganic acid ($HMnO_4$)**
  - potassium salt
    - antifeedant for, *Spodoptera frugiperda* 3674
    - resistance to, in *Rickettsiella melolonthae* 739
- ***erniciosi, Prospaltella***
- ***erniciosus, Quadraspidiotus***
- ***pernyi, Antheraea***
- ***Perotis lugubris***
  - control of, insecticides for 1081
  - in Romania 1081
  - on fruit trees
    - damage caused by 1081
    - in Romania 1081
- **Peroxidase**
  - in *Eriophyes kuko* galls on *Lycium chinense* 2824
  - in grape vine, effects of *Erythroneura adanae* on 551
  - in *Pinus radiata* needles, effects of *Sirex noctilio* mucus on 1173
- ***perplexa, Scutellera***
- ***perplexus, Clavaspis***
- ***perplexus, Liodontomerus***
- ***perpusilla, Pyrilla***
- ***perrisi, Carphoborus***
- ***Perrisia fraxini*** (see *Dasineura*)
- ***Perrisia ignorata*** (see *Dasineura*)
- ***Perrisia pyri*** (see *Dasineura*)
- ***Persea americana*** (see Avocado)
- ***Persectania atristriga*** (see *Graphania*)
- ***Persectania aversa,*** antennal sensilla in 4072
- ***persicae, Brachycaudus***
- ***persicae, Myzus,*** (*Myzodes*)
- ***persicaecola, Brachycaudus*** (see *B. persicae*)
- ***persimilis, Phytoseiulus***
- **Persimmon** (*Diospyros kaki*)
  - *Calepitrimerus* spp. on, in Georgia (USSR) 574
  - *Phytocoptes* spp. on, in Georgia (USSR) 574
  - *Planococcus kraunhiae* on, in Japan 1015
- ***personata, Mycetaspis***
- ***persuasoria, Rhyssa***
- ***persulcatus, Opius***
- **Perthane** (*see* Ethyl-DDD)
- **Peru**
  - *Sogatodes orizicola* in, on rice 4273
  - *Symmetrischema capsicivorum* in, on *Capsicum annuum* 4805
- **Peru tomato virus,** in, *Myzus persicae,* transmission of 1567
- ***peruvianus, Oligonychus***
- **Pest control** 266
  - baits for 2040
  - chemical methods of 1237
  - conditional lethal traits for 4109
  - development of 3605
  - ecological aspects of 262
  - economics of 1212–1216
  - effects on environmental quality of 4910
  - integrated 4507
  - models of 3379
  - plant resistance for 1054
  - soil treatments for 3932

Pest-control chemicals (*full entries are to be found at common names and at inverted systematic names*)
- *S*-(2-(acetylamino)ethyl) *O,O*-dimethyl phosphorodithioate 5152, 5173
- 5-amino-4-chloro-2-phenyl-3(2*H*)-pyridazinone 1218–1219
- 3-amino-2,5-dichlorobenzoic acid 1218
- anabasine sulphate 5254
- benzo[*b*]thien-4-yl methylcarbamate 4920, 5152
- benzoyl chloride (2,4,6-trichlorophenyl)hydrazone 278
- (5-benzyl-3-furyl)methyl (+)-*trans*-ethanochrysanthemate 3994
- 1,2-bis(3-ethoxycarbonyl-2-thioureido)benzene 3744
- 1,2-bis(3-methoxycarbonyl-2-thioureido)benzene 3572
- bis-pentachlorocyclopentadienyl 2848
- 3,5-bis(dimethylamino)-1,2,4-dithiazolium hydrogen sulphate 752
- *O*-(4-bromo-2,5-dichlorophenyl) *O*-methyl phenylphosphonothioate 1411, 1469, 1898, 2290, 3253, 4920, 5143
- 2-bromo-1-(2,4-dichlorophenyl)ethenyl diethyl phosphate 1246
- 2-bromo-1-(2,4-dichlorophenyl)ethenyl dimethyl phosphate 1246
- 1,4-butanediyl dimethanesulphonate 4947
- 5-*n*-butyl-2-dimethylamino-4-hydroxy-6-methylpyrimidine 3744
- 1-(2-butynyl)-1-(*p-tert*-butylphenoxy)-2-butyl sulphite 3547
- calcium arsenate 3578
- chlorinated pinene 3952
- 2-chloro-4,6-bisethylamino-1,3,5-triazine 4534, 4959
- *O*-(2-chloro-1-(2,5-dichlorophenyl)vinyl) *O,O*-diethyl phosphorothioate 2304
- 2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine 4959
- *O*-(3-chloro-7-methylpyrazolo[1,5-*a*]pyrimidin-2-yl) *O,O*-diethyl phosphorothioate 2932
- 2-chloroethyltrimethylammonium chloride 3744
- 1-(4-chlorophenoxy)-6,7-epoxy-3,7-dimethyl-2-octene 2561
- *N'*-(4-chlorophenyl)-*N,N*-dimethylurea 4959
- *cis*-7,8-epoxy-2-methyloctadecane 4510
- copper quinolinolate 3744
- 2-cyanoethyl (*Z*)-*N*-((methylcarbamoyl)oxy)thioacetimidate 5239
- cyclic ethylene (diethoxyphosphinyl)dithioimidocarbonate 506, 2807, 3253, 3800, 5168, 5248

Pest-control chemicals *contd.*
- cyclic propylene (diethoxyphosphinyl)dithioimidocarbonate 524, 1071, 1138, 2459, 2830, 3167, 3253, 4263, 4335, 5239
- decachloro-1,1′-bi-2,4-cyclopentadienyl 2848
- di(*p*-chlorophenyl)cyclopropylcarbinol 2487
- 1,5-di(2,4-dimethylphenyl)-3-methyl-1,3,5-triazapenta-1,4-diene 4949
- (3,5-di(α,α,α-trifluoromethyl)-*N*-ethylanilino)methylenemalononitrile 771
- 4-diallylamino-3,5-dimethylphenyl methylcarbamate 1200
- 3,6-dichloro-*o*-anisic acid 1218–1219
- 2,4-dichloro-6-*o*-chloroanilino-*s*-triazine 3744
- *O*-(2,5-dichloro-4-iodophenyl) *O*-ethyl ethylphosphonodithioate 5145
- *O*-(2,5-dichloro-4-(methylthio)phenyl) *O,O*-diethyl phosphorothioate 1224
- dichlorofarnesinic acid ethyl ester 2131
- *N*-((dichlorofluoromethyl)thio)-*N',N'*-dimethyl-*N*-phenylsulphamide 1020
- 2,4-dichlorophenoxyacetic acid 2327, 4534, 4959
- 4-(2,4-dichlorophenoxy)butyric acid 121
- *N*-(2,4-dichlorophenyl)-2,4-dimethyl-1,3-dithiolane-2-carbohydrazonyl chloride 3398
- 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea 1218–1219
- dichloropropane 3612
- dichloropropene 3612
- 3′,4′-dichloropropionanilide 1218–1219
- 2-(diethoxyphosphinylimino)-4-methyl-1,3 dithiolane 4450–4452, 4454–4455
- diethyl *N*-acetyl-*N*-phenylphosphoramidate 2058
- *O,O*-diethyl *O*-2-chloro-1-(2,5-dichlorophenyl)vinyl phosphorothioate 258
- *O,O*-diethyl *O*-(2-(*N*-ethylacetamido)-6-methylpyrimidin-4-yl) phosphorothioate 3754
- *O,O*-diethyl *O*-(3-oxo-2-phenyl-2*H*-pyridazin-6-yl) phosphorothioate 2070
- *O,O*-diethyl *O*-(3-oxo-2-phenyl-2*H*-pyridazine-6-yl) phosphorothioate 4977
- *O,O*-diethyl *O*-(1-phenyl-1*H*-1,2,4-triazol-3-yl) phosphorothioate 172, 1083, 1224, 1922, 3748
- *O,O*-diethyl *O*-2-quinoxalinyl phosphorothioate 172, 2053, 3253, 4007, 4263
- *O,O*-diethyl *S*-(3,4,4-trifluoro-3-butenyl) phosphorodithioate 4939

-control chemicals *contd.*
,*O*-diethyl *S*-(3,4,4-trifluoro-3-butenyl) phosphorothioate 4939
3-dihydro-5-carboxanilido-6-methyl-1,4-oxathiin 3744
,*O*-diisopropyl *S*-ethylsulphinylmethyl phosphorodithioate 2808, 3232, 3262
,*S*-dimethyl acetylphosphoramidothioate 194, 258, 1411, 1481, 1898, 4920, 5143, 5184
1′-dimethyl-4,4′-bipyridylium dichloride 2327
imethyl 7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl phosphate 1239
imethyl 2,2-dichloro-1-hydroxyethylphosphonate 2486, 2943
,*O*-dimethyl *O*-2,5-dichloro-4-methylthiophenyl phosphorothioate 3573
,*O*-dimethyl *S*-α-isopropoxycarbonylbenzyl phosphorodithioate 2067
,*S*-dimethyl (methoxyacetyl)phosphoramidothioate 2932
,3-dimethyl-1-methylthio-2-butanone *O*-(methylcarbamoyl)oxime 3263
,3-dimethyl-1-(methylthio)-2-butanone *O*-(methylcarbamoyl)oxime 4816
,*O*-dimethyl *O*- and *S*-2-(methylthio)ethyl phosphorothioates 1204, 1238
imethyl *p*-(methylthio)phenyl phosphate 1203
imethyl 2-monochlorovinyl phosphate 2943
E)-4-((3,7-dimethyl-2,6-octadienyl)oxy)-1,2-(methylenedioxy)benzene 2018
-(2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl)glutarimide 3744, 4119
,*S*-dimethyl phosphoramidothioate 194, 1041, 1481–1482, 1954, 3208, 3253, 3742, 4450–4451, 4454, 5041, 5089, 5143, 5184
N-(1,1-dimethyl-2-propynyl)-3,5-dichlorobenzamide 1218–1219
′-(3,3-dimethyl-1-triazeno)acetanilide 2874
,*O*-dimethyl *O*-3,5,6-trichloro-2-pyridyl phosphorothioate 3396
,*O*-dimethyl *O*-(3,5,6-trichloro-2-pyridyl) phosphorothioate 3994
-(((dimethylamino)methylene)amino)-*m*-tolyl methylcarbamate 1041
,2-dimethylhydrazide of succinic acid 2327
,4-dimethylphenyl methylcarbamate 1044
-1,3-dithiolan-2-ylphenyl dimethylcarbamate 5145
L-methyl (2*E*,6*E*,10*Z*)-10, 11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate 2538
dodecyl methyl ether 2957

Pest-control chemicals *contd.*
n-dodecylguanidine acetate 3744
(*E*)-4-((6,7-epoxy-3,7-dimethyl-2-nonenyl)oxy)-1,2-(methylenedioxy)benzene 474, 1588
4-((6,7-epoxy-3,7-dimethyl-2-octenyl)oxy)-1,2-(methylenedioxy)benzene 1730, 2043, 2561
(*E*)-4-((6,7-epoxy-3,7-dimethyl-2-octenyl)oxy)-1,2-(methylenedioxy)benzene 3681
4-((6,7-epoxy-3-ethyl-7-methyl-2-nonenyl)oxy)-1,2-(methylenedioxy)benzene 3681, 4986
4-((6,7-epoxy-3-ethyl-7-methyl-2-octenyl)oxy)-1,2-(methylenedioxy)benzene 2561
(*E*)-6,7-epoxy-1-(4-ethylphenoxy)-3,7-dimethyl-2-octene 1205
6,7-epoxy-1-(4-ethylphenoxy)-3,7-dimethyl-2-octene 1588
6,7-epoxy-1-(*p*-ethylphenoxy)-3,7-dimethyl-2-octene 5073
6,7-epoxy-1-(4-ethylphenoxy)-3,7-dimethyloct-2-ene 2034
ethyl bis(1-aziridinyl)phosphinate 4607
O-ethyl *S*-*p*-chlorophenyl ethylphosphonodithioate 1041, 3227, 4804, 4920
O-ethyl *S*-*p*-chlorophenyl phosphoramidothioate 2474
S-ethyl cyclohexylethylthiocarbamate 4012
ethyl 2-((diethoxyphosphinothioyl)oxy)-5-methylpyrazolo[1,5-*a*]pyrimidine-6-carboxylate 3744, 4906
S-ethyl dipropylthiocarbamate 3502, 3773
O-ethyl *O*-methyl *O*-2,4,5-trichlorophenyl phosphorothioate 2770, 3723, 4948, 5117, 5254
ethyl 4-(methylthio)-*m*-tolyl isopropylphosphoramidate 4797
ethyl pivaloyl-L-alanyl-*p*-aminobenzoate 4522
ethyl 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-1,3,4-metheno-1*H*-cyclobuta[*cd*]pentalene-2-levulinate 203, 625, 627, 3573–3574
ethyl 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-1,3,4-metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoate 1249, 4945
ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2-*cis/trans*-2,6-dodecadienoate 3681
ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2,6-dodecadienoate 1588
ethyl 7,11-dichloro-3,7,11-trimethyl-2-dodecenoate 2131, 2916
S-ethyl 11-methoxy-3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienethioate 2921

Pest-control chemicals *contd.*
ethyl 11-methoxy-3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienethiolate 2922
ethyl 11-methoxy-3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienoate 2922
ethyl 3,7,11-trimethyl-2,4-dodecadienoate 2957
ethyl 3,7,11-trimethyl-2-dodecenoate 2043
ethyl 3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienoate 2922
ethyl 3,7,11-trimethyldodeca-2,4-dienoate 1290, 1588, 4687
ethyl (2*E*,4*E*)-3,7,11-trimethyl-2,4-dodecadienoate 1205, 2035, 2873
1-(4-ethylphenoxy)-6,7-epoxy-3,7-dimethyl-2-octene 1728
m-(1-ethylpropyl)phenyl and *m*-(1-methylbutyl)phenyl methylcarbamates 1041
S-(ethylsulphinylmethyl) *O,O*-diisopropyl phosphorodithioate 1204
S-[(ethylsulphinyl)methyl] *O,O*-diisopropyl phosphorodithioate 2845
farnesyl methyl ether 1304
hexachlorobenzene 2955
hexachlorobutadiene 1077
hexamethylditin 258, 3370
N,N'-hexamethylenebis(1-aziridinecarboxamide) 752, 4606
isopropyl *m*-chlorocarbanilate 1218–1219
isopropyl 3-chlorophenylcarbamate 1640
isopropyl 4,4′-dibromobenzilate 278, 2659, 3744
isopropyl phenylcarbamate 1640
isopropyl salicylate *O*-ester with *O*-ethyl isopropylphosphoramidothioate 4804
isopropyl salicylate *O*-ester with *O*-methyl phosphoramidothioate 1515
isopropyl 11-methoxy-3,7,11-trimethyldodeca-2,4-dienoate 1201, 4687
isopropyl (2*E*,4*E*)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate 2873
lead arsenate 3578
2-methoxy-4-isopropyl-6-butylamino-s-triazine 2069
2-methoxy-4*H*-1,3,2-benzodioxaphosphorin 2-sulphide 3396
O-methyl *O*-4-bromo-2,5-dichlorophenyl phenylphosphonothioate 1041, 1899, 3994, 4263, 4463, 4465–4466, 4474
methyl 1-(butylcarbamoyl)-2-benzimidazolecarbamate 1020, 4000, 4532, 4906, 4969, 5115
methyl 1-(butylcarbamoyl)benzimidazol-2-ylcarbamate 1819, 3744
S-methyl *N*-(carbamoyloxy)thioacetimidate 2848
methyl *N,N*-dimethyl-*N'*-((methylcarbamoyl)oxy)-1-thiooxamimidate 1147
methyl *N,N*-dimethyl-*N*-((methylcarbamoyl)oxy)-1-thiooxamimidate 3748
methyl 4-(1,5-dimethyl-3-oxohexyl)-1-cyclohexene-1-carboxylate 2562
S-methyl 1-(dimethylcarbamoyl)-*N*-((methylcarbamoyl)oxy)thioformimi
date 5129
O-methyl *S,S*-dipropyl phosphorotrithio
4939
2-methyl-1,3-dithiolane-2-carboxaldehy
O-(methylcarbamoyl)oxime 278
methyl farnesoate dihydrochloride 17
methyl (mercaptoacetyl)methylcarbama
S-ester with *O*-methyl methylphosphonodithioate 4797
O-methyl *O*-(2-methyl-3-oxo-4-chloro-5(2*H*)-pyridazinyl) *N*-isopropylami
phosphorothioate 4516
N-methyl-*N*-(1-naphthyl)monofluoroac
mide 2924, 4906
methyl *p*-nitrophenyl *N*-isopropylphosphoramidate 627
6-methyl-2-propyl-4-pyrimidinyl dimethylcarbamate 594
o-(methyl-2-propynylamino)phenyl methylcarbamate 2932
methyl *trans,trans,cis*-10,11-epoxy-7-et
3,11-dimethyl-2,6-tridecadienoate 2562
methyl 10-epoxy-7-ethyl-3,11-dimethyl-
tridecadienoate 1724
methyl 10,11-epoxy-7-ethyl-3,11-dimeth
2,6-tridecadienoate 1605, 2957, 36
4986
methyl 10,11-epoxy-3,7,11-trimethyl-2,
dodecadienoate 2873
methyl 7,11-dichloro-3,7,11-trimethyl-2
dodecenoate 2561
methyl 3,7,11-trimethyl-7,11-dichloro-2
dodecenoate 1729
methyl (2*E*,6*E*)-*cis*-10,11-epoxy-7-ethyl-
3,11-dimethyl-2,6-tridecadienoate 4854
m-(1-methylbutyl)phenyl and *m*-(1-ethylpropyl)phenyl methylcarbamat
2930
1-(3,4-(methylenedioxy)phenoxy)-6,7-epoxy-3-ethyl-7-methyl-2-nonene 2957
3,4-methylenedioxyphenyl 6,7-epoxygeranyl ether 1730
1-methylethyl 4-bromo-α-(4-bromophenyl)-α-hydroxybenzeneacetate 1076
m-methylphenyl methylcarbamate 24
3-methylphenyl methylcarbamate 3484–3485
6-methylthiomethyl-3-methylphenyl methylcarbamate 5239

- **t-control chemicals** *contd.*
  - -methylthiomethylphenyl methylcarbamate 5239
  - icotine sulphate 2349, 3770
  - ,1,2,2,3-pentachloro-1,3,3-trifluoropropane 4939
  - henyl *N*-dimethoxyphosphinothioacetyl-*N*-methylcarbamate 1899
  - -phenyl-4*H*-1,3,2-benzodioxaphosphorin 2-oxide 3401
  - iperonal bis(2-(2-butoxyethoxy)ethyl) acetal 2489
  - olychloro-*endo*-methylenetetrahydroindene 2933
  - otassium sorbate 3744
  - rop-2-ynyl 11-methoxy-3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienoate 2921
  - rop-2-ynyl 3,7,11-trimethyl-(2*E*,4*E*)-2,4-dodecadienoate 2921–2922
  - ropyl thiopyrophosphate 594
  - -s-butylphenyl methylcarbamate 1200
  - -s-butylphenyl methylcarbamate 2730
  - esamyl geranyl ether epoxide 2043
  - odium 2,2-dichloropropionate 2327
  - odium fluosilicate 4214
  - -t-butyl-5-chloro-6-methyluracil 2327
  - -t-butyl-4,6-dinitrophenyl acetate 3197
  - -(*p*-t-butylphenoxy)cyclohexyl 2-propynyl sulphite 1093, 4464
  - *S*-((t-butylthio)methyl) *O,O*-diethyl phosphorodithioate 1920, 3227
  - *N*-((1,1,2,2-tetrachloro-2-fluoroethyl)thio)methanesulphonanilide 278
  - 1,2,2,3-tetrachloro-1,1,3,3-tetrafluoropropane 4939
  - tetrachloroisophthalonitrile 3744, 4969
  - tetrahydro-3,5-dimethyl-2*H*-1,3,5-thiadiazine-2-thione 1592
  - *O,O,O′,O′*-tetramethyl *O,O′*-thiodi-*p*-phenylene diphosphorothioate 4920, 4961
  - *m*-tolyl methylcarbamate 1200
  - (+)-*trans*-chrysanthemate of (+)-allethrolone 2484
  - *trans*-1-(4-ethylphenoxy)-6,7-epoxy-3,7-dimethyl-2-octene 4587
  - tribromophenol 3285
  - *N*-(α-trichloromethyl-*p*-ethoxybenzyl)-*p*-ethoxyaniline 3993
  - *N*-(α-trichloromethyl-*p*-ethoxybenzyl)-*p*-methylaniline 3993
  - tricyclohexyltin hydroxide 2985, 3370, 3982, 4455, 4464, 4468, 5129, 5174
  - 2-(2′,4′,6′-trimethylphenyl)-3-pivaloyloxyindone 270
  - triphenyl phosphate 3391
  - 3,4-xylyl methylcarbamate 1200
  - 3,5-xylyl methylcarbamate 1200, 2075
  - 3,4-xylyl methylcarbamate 4642
  - 10-epoxy-2-*cis/trans*,6-*trans*-farnesenic acid ethyl ester 890
- **Pest-control chemicals** *contd.*
  - 10,11-epoxy-6,7-*trans*-2,3-*trans*-farnesyl propenyl ether 4590
  - 10,11-epoxy-3,7,11-trimethyl-1-(2-propynyloxy)-2,6-tridecadiene 3681
  - 3,7,11-trimethyl-2,6,10-dodecatrien-1-ol 2562
  - 3,7,11-trimethyl-7,11-dichloro-2-dodecenoic acid 1717
  - 25-azacholestane 1604
  - 25-azacholesterol 1604
  - 25-azacoprostane 1604
  - (2*E*,6*E*)-3,7,11-trimethyl-2,6-dodecatrien-1-ol 2131
- **Pesticides**
  - carcinogenicity of 2941
  - common names of 803
  - conjugation of 2939
  - decomposition products of 2925
  - determination of 279–290, 926
  - development of 4944
  - dioxins in 2049
  - environmental effects of 1235, 1247
  - environmental pollution with 266, 807, 3606, 4024, 4533
  - FAO specifications for 786
  - formulations of 3924
  - identification of 801
  - in cold storage, stability of 2938
  - in foodstuffs, residues of 1236, 4513
  - nomenclature of 4946
  - non-target effects of 4983
  - oxidation of 2939
  - residues of 4512
    - information retrieval system for 2602
  - resistance to, evolution of 904
  - specifications for 4946
  - sub-lethal effects of 3481
  - trade names of 803
  - use of 3924
    - precautions in 2033
- ***petiolatus, Chrysocharis***
- **Petkolin**
  - against, *Tetranychus urticae* 4198
  - in *Poekilocerus pictus*, effects of 4951
- **Petkolin A**, against, *Anthrenus flavipes* 4399
- **Petkolin-M**, against, *Tetranychus urticae* 4198
- ***Petrobia harti***, setae in 5002
- ***Petrobia latens***
  - control of, insecticides for 3157
  - in India 3157
  - on wheat, in Madhya Pradesh 3157
- ***Petroselinum crispum*** (see Parsley)
- ***Petrova arizonensis***
  - in USA 1958
  - on *Pinus edulis*, in Colorado 1958
  - parasitised by
    - *Bracon* spp., in Colorado 1958
    - *Macrocentrus cuniculus*, in Colorado 1958

- ***Petrova resinella***
  - in Denmark 1165
  - in France 678
  - on *Pinus contorta,* in Denmark 1165
  - on *Pinus sylvestris,* in France 678
  - parasites of, in France 678
  - parasitised by
    - *Actia nudibasis*
      - in Denmark 1165
      - in France 678
- ***pettitana, Cenopis***
- ***Petunia,*** buttercup mosaic virus in, infectivity of 4371
- **pH**
  - in *Heliothis zea* haemolymph 4090
  - in sprays against *Panonychus ulmi* 159
  - in surface water, effects on endosulfan degradation of 3619
- ***Phaedon cochleariae***
  - control of, insecticides for 5242
  - juvenile hormone analogues in, activity of 2562
- ***Phaenops cyanea***
  - in France 3357
  - on *Pinus pinaster,* in France 3357
- ***Phaeogenes invisor***
  - in West Germany 1386
  - parasitising, *Tortrix viridana,* in West Germany 1386
- ***Phaeoglyphis,*** hyperparasitising, aphids, in UK 3133
- **Phagostimulants**
  - for *Epilachna fulvosignata,* in *Solanum campylacanthum* 1300
  - for *Henosepilachna vigintioctopunctata,* in *Luffa aegyptiaca* 4788
  - for *Phoracantha semipunctata,* glucosides as 3276
  - for *Plodia interpunctella,* carbohydrates as 371
  - for *Sitona cylindricollis,* in sweet clover 2752
  - for *Spodoptera littoralis*
    - assay for 4155
    - fruit extracts and peel as 4674
- ***Phalacrotophora epeirae***
  - in USA 1099
  - parasitised by, *Tetrastichus* spp., in Florida 1099
  - preying on, *Gasteracantha cancriformis,* in Florida 1099
- **Phalaeniinae,** reproductive isolation in 341
- ***Phalanta phalantha***
  - control of, insecticides for 4389
  - in Nigeria 4389
  - on *Populus,* in Nigeria 4389
  - on *Tridax procumbens,* in Nigeria 4389
  - parasitised by
    - *Brachymeria kivuensis,* in Nigeria 4389
    - *Palexorista* spp., in Nigeria 4389
- ***phalantha, Phalanta***
- ***Phalaris arundinacea,*** *Chilo hyrax* on, in Japan 528
- ***phalerata, Drosophila***
- **Phalsa** (see *Grewia asiatica*)
- ***Phanerotoma***
  - parasitising
    - *Cryptoblabes gnidiella,* in Egypt 460
    - *Pyroderces simplex,* in Egypt 129
- ***Phanerotoma flavitestacea***
  - biology of 2021
  - *Mythimna* viral toxin in, effects of 364
  - parasitising, *Ephestia kuehniella* 3645
- ***pharaonis, Monomorium***
- ***Pharoscymnus semiglobosus,*** preying on, *Ephestia kuehniella* 4163
- ***phaseoli, Ophiomyia***
  - (*Agromyza*)
  - (*Melanagromyza*)
- ***Phaseolus***
  - *Apion godmani* on, in Mexico 4332
  - *Empoasca fabae* on, in Mexico 4332
  - *Epilachna varivestis* on, in Mexico 433
- ***Phaseolus aconitifolius* flour,** *Tribolium castaneum* in 2124
- ***Phaseolus angularis,*** arthropods associated with, in Japan 4139
- ***Phaseolus aureus***
  - aldrin in, metabolism of 2052
  - *Bagrada hilaris* on, in India 5050
  - *Callosobruchus chinensis* on, in India 5147
  - *C. maculatus* on
    - in India 5147
    - in Iran 4123
  - carbaryl in, toxicity of 1638
  - *Euchrysops cnejus* on, in West Bengal 4333
  - *Melanagromyza sojae* on, in India 2522
  - *Meloidogyne javanica* on, in India 2813
  - *Spermophagus* spp. on, in India 5147
  - *Stomopteryx subsecivella* on, in India 2813
- ***Phaseolus aureus* flour,** *Tribolium castaneum* in 2124
- ***Phaseolus aureus* (stored seeds),** *Trogoderm granarium* in, development of 1551
- ***Phaseolus lunatus***
  - *Callosobruchus maculatus* on, in Iran 4123
  - captan in, toxicity of 3227
  - Dursban in, toxicity of 3227
  - *Hylemya platura* on, in New York 3227
  - *Liriomyza sativae* on, in Maryland 3772
  - *Lygus hesperus* on, in California 4334
  - thiram in, toxicity of 3227
- ***Phaseolus mungo***
  - *Amsacta moorei* on 2111
  - *Bagrada hilaris* on, in India 5050
  - *Callosobruchus chinensis* on, in India 5147
  - *C. maculatus* on
    - in India 5147

seolus mungo *contd.*
- *allosobruchus maculatus* on *contd.*
  - in Iran 4123
- sulfoton in, toxicity of 2069
- erbicides in, toxicity of 2069
- *elanagromyza sojae* on, in India 2522
- enazon in, toxicity of 2069

***seolus mungo* flour,** *Tribolium castaneum* in 2124

***seolus mungo* (stored seeds),** *Trogoderma granarium* in, development of 1551

seolus nanus, chlordane in, residues of 4021

seolus radiatus (see *P. aureus*)

seolus vulgaris
- drin in, metabolism of 1229, 2052
- *phis craccivora* on, in New South Wales 4192
- *emisia tabaci* on, in Sudan 939
- *pilachna varivestis* on, in Nebraska 3773
- *uchrysops cnejus* on, in Philippines 2353
- *eliothis armigera* on, in Philippines 2353
- erbicides in, effects of insecticides on metabolism of 1218
- *ylemya platura* on, in New York 3227
- secticides in
  - effects of 1117
  - effects of herbicides on metabolism of 1219
  - toxicity of 3232
- *aruca testulalis* on, in Philippines 2353
- *yzus persicae* on, in Canary Islands 1206
- *ysius vinitor* on, development of 4159
- *lusia chalcites* on, in Philippines 2353
- gar-cane mosaic virus in 2283
- *etranychus urticae* on
  - in Canary Islands 1206
  - in Jordan 4905
- *rbanus proteus* on, in Florida 610

***seolus vulgaris* flour,** *Tribolium castaneum* in 2124

***seolus vulgaris* (stored seeds)**
- *canthoscelides obtectus* in, resistance to 345
- *ruchidius incarnatus* in, unable to develop 3303
- *allosobruchus chinensis* in, resistance to 345
- iet component for, *Spodoptera littoralis* 3551
- *rogoderma granarium* in, development of 1551

sia, parasitising, *Eurygaster maura,* in Turkey 4438

sia crassipennis (see *Ectophasia*)

sia subcoleoptrata
- Hungary 3644

Phasia subcoleoptrata *contd.*
- parasitising, *Eurygaster* spp., in Hungary 3644

Phasiinae, biology of 814

PHC (*see* Propoxur)

Pheidole dentata
- in USA 1855
- preying on, soy-bean pests, in Florida 1855

Pheidole megacephala
- aggressive behaviour in, towards Syrphidae 4213
- *Aulacaspis tegalensis* eggs transported by 320
- cacao black pod disease, role of, in 3870
- control of 4693
  - insecticides for 4765
- in Australia 4693
- in Cook Islands 2228
- in Kenya 4213
- in Solomon Islands 4765

Pheidole metallescens
- in USA 1855
- preying on, soy-bean pests, in Florida 1855

Pheidole morrisii
- in USA 1855
- preying on, soy-bean pests, in Florida 1855

Pheidole pallidula
- in France 1162
- preying on
  - *Villa brunnea,* in France 1162
  - *V. velutina,* in France 1162

Pheidole sulcaticeps punensis
- in India 142
- on sorghum, in Rajasthan 142

Phellandrene (*see* 1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-)

Phellodendron amurense, Cecidomyiidi on, in Soviet Far East 3282

Phellopsis amurensis
- biology of 1540
- in USSR 1540
- on *Prunus padus,* in Maritime USSR 1540
- on *Ulmus,* in Maritime USSR 1540

Phenacaspis cockerelli
- control of, insecticides for 2590
- in USA 2590
- on ornamental plants, in Florida 2590

Phenacaspis kentiae, in South Korea 2651

Phenacaspis pinifoliae, preyed on by, *Cryptoweisea marginata* 2153

Phenisobromolate (*see* Benzeneacetic acid, 4-bromo-α-(4-bromophenyl)-α-hydroxy-, 1-methylethyl ester) 1076

Phenkapton (*S*-[[(2,5-dichlorophenyl)thio]methyl] *O,O*-diethyl phosphorodithioate)
- against
  - *Panonychus ulmi* 1091

Phenkapton *contd.*
  against *contd.*
    Tetranychus urticae 4198
Phenobarbital (*see* 2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-ethyl-5-phenyl-) 2489
Phenobarbitone (*see* 2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-ethyl-5-phenyl-)
Phenol, resistance to, in *Rickettsiella melolonthae* 739
Phenol, 3,5-bis(1,1-dimethylethyl)-, methylcarbamate (*see* Butacarb)
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-
  against
    Attagenus megatoma 4514
    Tribolium confusum 267
    Trogoderma variabile 4514
Phenol, 4-bromo-2,5-dichloro-, in wheat, metabolite of leptophos 2290
Phenol, 3,4-dimethyl-
  methylcarbamate
    against
      Laodelphax striatella 1044
      Nephotettix cincticeps 1044, 1200
    determination of 4642
Phenol, 3,5-dimethyl-
  methylcarbamate
    against, *Nephotettix cincticeps* 1200
    in soil, persistence of 2075
Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester) (*see* Zectran)
Phenol, 4-(dimethylamino)-3-methyl-, methylcarbamate (ester) (*see* Aminocarb)
Phenol, 2-(1,1-dimethylethyl)-4,6-dinitro-, acetate (ester), against, *Panonychus ulmi* 3197
Phenol, 2-(1,1-dimethylethyl)-4-methoxy-
  against
    Attagenus megatoma 4514
    Tribolium confusum 267
    Trogoderma variabile 4514
Phenol, 3,5-dimethyl-4-(methylthio)-, methylcarbamate (*see* Methiocarb)
Phenol, dinitro-, in pea, aiding penetration of γ-BHC into roots 4010
Phenol, 2-(1,3-dioxolan-2-yl)-, methylcarbamate (*see* Dioxacarb)
Phenol, 4-(di-2-propenylamino)-3,5-dimethyl-
  methylcarbamate (ester) (allyxycarb)
    against, *Nephotettix cincticeps* 1200
Phenol, 5-ethyl-2-methoxy-
  locust gregarisation pheromone 433–434
  Locusta migratoria gregarisation pheromone 4202
Phenol, 3-(1-ethylpropyl)-
  methylcarbamate
    with 3-(1-methylbutyl)phenyl methylcarbamate (metalkamate)
      against, *Hyperodes humilis* 1041
      in soil, metabolism of 2930
Phenol, 2-methoxy-4-(2-propenyl)- (eugen
  with 3,7-dimethyl-2,6-octadien-1-ol, attractant for, bees 4539
  with heptyl 2-methylbutanoate, and 2-phenylethyl propanoate, attractant f *Popillia japonica* 2497
  with 1-methoxy-4-(1-propenyl)benzene, attractant for, bees 4539
  with 2-phenylethyl butanoate, attractan for, *Popillia japonica* 3567
  with 2-phenylethyl propanoate, attracta for, *Popillia japonica* 2497, 3567
Phenol, 3-(1-methylbutyl)-
  methylcarbamate
    with 3-(1-ethylpropyl)phenyl methylcarbamate
      against, *Hyperodes humilis* 1041
      in soil, metabolism of 2930
Phenol, 2-methyl-4,6-dinitro- (*see* DNC)
Phenol, 2-(1-methylethoxy)-, methylcarbamate (*see* Propoxur)
Phenol, 3-methyl-5-(1-methylethyl)-, methylcarbamate (*see* Promecarb)
Phenol, 5-methyl-2-[(methylthio)methyl]-, methylcarbamate, resistance to, in, *Myzus persicae*, in Czechoslovakia 5
Phenol, 3-methyl-4-nitro-, in dusts, fenitrothion product 779
Phenol, 2-(1-methylpropyl)-
  methylcarbamate
    against
      Laodelphax striatella 2730
      Nephotettix cincticeps 1200, 273
      Nilaparvata lugens 2730
      Sogatella furcifera 2730
Phenol, 2-(1-methylpropyl)-4,6-dinitro- (*s* Dinoseb)

  acetate (ester) (*see* Dinoseb-acetate)
  ammonium salt (*see* Dinoseb-ammoniu
Phenol, 2-(methyl-2-propynylamino)-, methylcarbamate (ester), in *Stethorus punctum*, toxicity of 2932
Phenol, 2-[(methylthio)methyl]-, methylcarbamate, resistance to, in, *Myzus persicae*, in Czechoslovakia 5
Phenol, pentachloro-
  against
    Anacanthotermes ochraceus 3862
    Psammotermes fuscofemoralis 3862
  in termites, effects on gut symbionts of 2272
Phenol, 2,4,6-tribromo-, against, blue stai fungi 3285
Phenols, in mango, not related to susceptibility to *Mycetaspis personata* 2790
10*H*-Phenothiazine, against, *Braula coeca* 473
Phenthoate (ethyl α-[(dimethoxyphosphin hioyl)thio]benzeneacetate)

enthoate *contd.*
- against
  - *Acarus siro* 1606
  - *Antispila rivillei* 5117
  - *Aphis gossypii* 3798
  - Buprestidae 3818
  - *Dacus oleae* 1102
  - *Glycyphagus destructor* 1606
  - *Hypera postica* 1880
  - *Leucoptera coffeella* 3262
  - *Nephotettix cincticeps* 1200
  - *Planococcus citri* 216
  - *Plutella xylostella* 1910
  - *Pseudococcus adonidum* 216
  - *P. maritimus* 216
  - *Recurvaria nanella* 3723
  - *Sitophilus granarius* 2482
  - *Tyrophagus putrescentiae* 1606
- in ferns, toxicity of 216
- in rats, effects of impurities on toxicity of 2067
- in stored wheat, residues of 2482
- insecticidal activity of 4024
- with oil emulsion, against, *Abgrallaspis cyanophylli* 657

phenylalanine
- diet component for, *Myzus persicae* 349
- in *Anthonomus grandis* diet, requirement for 3558
- in *Aphis fabae* diet, requirement for 2988
- in *Aulacorthum circumflexum*, dependence of parasite encapsulation on 1751, 3511
- in *Dysdercus fasciatus* diet, requirement for 3001
- in *Locusta migratoria* diet, effects on chiasma frequency of 434
- in *Picea abies*, effects on mite infestations of 1960
- in *Scirpophaga nivella*, dietary requirement for 3000

heromones 2996

hiladelphus coronarius, *Aphis fabae* group on 2585

hilaenus spumarius
- colour morphs in 1287
- in Finland 4034
- in UK 2177
- in USA 1287
- island populations of 4034
- parasitised by, *Verrallia aucta*, in UK 2177
- population dynamics of 2177

hilanthus triangulus
- biology of 1850–1851
- in France 1850
- in Netherlands 1851
- parasitised by, *Hedychrum intermedium*, in France 1850
- preying on, *Apis mellifera* 1850

Philanthus triangulus abdelkader
- in Egypt 4211
- preying on, honey bees, in Egypt 4211

philippina, Hydrellia

Philippines
- aphids in 319
- *Aspidiotus coryphae* in 4554
- *Aspidomorpha miliaris* in, on sweet potato 2360
- *Cosmopolites sordidus* in, on *Musa textilis* 3260
- *Dinoderus minutus* in, natural enemies of 4641
- *Dysdercus cingulatus* in 4350
- *Euchrysops cnejus* in, on *Phaseolus vulgaris* 2353
- *Ferrisia virgata* in 2157
- *Heliothis armigera* in
  - on bean 2354
  - on pea 2815
  - on *Phaseolus vulgaris* 2353
- *Hydrellia philippina* in
  - natural enemies of 523
  - on rice 523–524
- *Maruca testulalis* in, on *Phaseolus vulgaris* 2353
- *Phytomyza horticola* in, on pea 2815
- *Plusia chalcites* in, on *Phaseolus vulgaris* 2353
- *Plutella xylostella* in, on cabbage 2807
- rice in, pest control on 1872
- *Tryporzya incertulas* in, on rice 524

philodice, Colias

Philodicus, on cotton, in Haryana 4351

Philonthus fuscipennis
- in West Germany 1502
- insecticides in, toxicity of 1502

Philophylla heraclei (see *Euleia*)

Philosamia cynthia (see *Samia*)

Phleum pratense
- *Schizaphis arrhenatheri* on, in Sweden 1433
- *Thymelicus lineola* on, in Ontario 1430

Phloeomyzus passerinii
- in Pakistan 3817
- on *Populus ciliata*, in Pakistan 3817

Phlogophora meticulosa
- control of, insecticides for 5138
- in France 5138
- on *Cynara scolymus*, in France 5138

Phlorizin (*see* 1-Propanone, 1-[2-(β-D-glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-)

Phobocampe disparis, parasitising, *Lymantria dispar*, and biological control using, in Pennsylvania 5179

phoenicis, Brevipalpus

Phoenix, dimethoate in, toxicity of 3812

Phoenix dactylifera (see Date palm)

Pholeomyia comans
- associating with, *Atta texana* 1315
- natural enemies of 1315

- ***Phoma citricarpa,*** in, orange, in Mozambique 3213
- ***Phomopsis,*** in, *Populus,* in Italy 3818
- ***Phoracantha semipunctata***
  - biology of 3276–3277
  - in Tunisia 3276
  - on *Eucalyptus,* in Tunisia 3276
- **Phorate** (*O,O*-diethyl *S*-[(ethylthio)methyl] phosphorodithioate)
  - against
    - *Agrotis ipsilon* 1371
    - *Aphis craccivora* 2812
    - *A. gossypii* 2367
    - *Athalia lugens* 2808
    - *Atherigona simplex* 4740
    - *A. soccata* 1061–1063, 1065, 5101
    - *Bagrada hilaris* 2808
    - *Cecidomyia* spp. 1963
    - *Diabrotica virgifera* 1412
    - *Drosophila melanogaster* 4959
    - *Empoasca fabae* 1495
    - *Eotetranychus hicoriae* 3721
    - *Epilachna varivestis* 3773
    - *Eriophyes gardeniella* 4147
    - *Folsomia candida* 1626
    - *Hedylepta indicata* 2812
    - *Hyadaphis erysimi* 2808
    - *Hydrellia philippina* 523–524
    - *Hylemya brassicae* 2348, 3611
    - *Lachnosterna* spp. 653
    - *Liriomyza sativae* 3772
    - *Melanagromyza* spp. 2812
    - *Monellia* spp. 3721
    - *Myzus persicae* 1495
    - *Nephotettix* spp. 3164
    - *Ophiomyia phaseoli* 2812
    - *Oscinella frit* 1601
    - *Pachydiplosis oryzae* 3164
    - pests of beet 3236
    - pests of rice 4263
    - pests of squash 3771
    - *Phthorimaea operculella* 1495
    - *Phytomyza horticola* 4335
    - *Psila rosae* 3608, 4955
    - *Rhopalosiphum maidis* 1874
    - *Schizaphis graminum* 1874
    - *Scutigerella immaculata* 4007
    - *Sogata* spp. 3164
    - *Spodoptera littoralis* 645
    - *Tetranychus urticae* 2812, 4919
    - *Thecodiplosis liriodendri* 1963
    - *Therioaphis trifolii* 3709
    - thrips 1931
    - *Thrips tabaci* 1137, 1202, 1495, 2367, 2835
    - *Tryporyza incertulas* 524
  - formulations of 2808
  - in carrot, residues of 2054
  - in cotton, toxicity of 2367
  - in *Hibiscus esculentus,* residues of 4535
  - in maize, residues of 2054
  - in pea, effects of 5145
- **Phorate** *contd.*
  - in *Pinus,* persistence of 5184
  - in soil
    - leaching of 4025
    - persistence of 1626–1627, 2054
  - in soy bean, effects of 4339
  - in *Trifolium alexandrinum,* effects of 4014
  - in *Vicia faba,* effects of 4014, 5145
  - in wheat, toxicity of 4740
  - resistance to, in, *Myzus persicae,* in Czechoslovakia 5239
  - synergists for, atrazine as 4959
  - with aldicarb
    - against
      - *Aphis gossypii* 2367
      - *Thrips tabaci* 2367
    - in cotton, toxicity of 2367
  - with amidithion, in cotton, toxicity of 2367
  - with BHC, against, pests of rice 4263
  - with γ-BHC
    - against
      - *Hydrellia philippina* 524
      - *Tryporyza incertulas* 524
  - with diethyl (4-methyl-1,3-dithiolan-2-ylidene)phosphoramidate
    - against
      - *Hydrellia philippina* 524
      - *Tryporyza incertulas* 524
  - with disulfoton
    - against
      - *Aphis gossypii* 2367
      - *Thrips tabaci* 2367
    - in cotton, toxicity of 2367
  - with fenitrothion
    - against
      - *Hydrellia philippina* 524
      - *Tryporyza incertulas* 524
  - with fertiliser 5101
  - with formothion, in cotton, toxicity of 2367
  - with malathion 4535
  - with manure 5101
  - with monocrotophos, in cotton, toxicity o 2367
- **Phorate sulfone** (*see* Phosphorodithioic aci *O,O*-diethyl *S*-[(ethylsulfonyl)methyl] ester)
- **Phorate sulfoxide** (*see* Phosphorodithioic acid, *O,O*-diethyl *S*-[(ethylsulfinyl)methyl] ester)
- ***Phorbia brassicae*** (see *Hylemya*)
- ***Phorbia coarctata*** (see *Hylemya*)
- ***Phorbia securis*** (see *Hylemya*)
- ***Phorodon cannabis*** (see *Myzus*)
- ***Phorodon humuli*** (see *Myzus*)
- **Phosalone** (*S*-[(6-chloro-2-oxo-3(2*H*)-benzoxazolyl)methyl] *O,O*-diethyl phosphorodithioate)
  - against
    - *Acrolepia assectella* 4500

alone *contd.*
ainst *contd.*
Adoxophyes orana 559, 3196
Agrotis segetum 3196
Aleurothrixus floccosus 5130
Antispila rivillei 5117
Aphis pomi 1465
Apion apricans 3714
A. trifolii 3714
Bemisia tabaci 1131
Ceutorhynchus assimilis 599
Conotrachelus nenuphar 1465
Cydia pomonella 1094, 1465, 4771
Dasineura pyri 3201
Empoasca spp. 1131, 3245
E. fabae 1495
Ennomos subsignarius 1898
Hyalopterus pruni 4467
Lygus hesperus 4334
Lymantria dispar 1898
Myzus persicae 1131, 1495
Oligonychus indicus 4527
Panonychus ulmi 1465, 3196
pests of cotton 1521
pests of lucerne 3708
Phthorimaea operculella 1131, 1495
Phyllocoptruta oleivora 2782
Popillia japonica 258
Tetranychus urticae 3797
Thrips tabaci 1131, 1495
cotton, effects of 3616
grape vine, effects of 4472, 4474
honey bees, toxicity of 1220
Lymantria dispar, effects of 346, 4104
Malacosoma neustria, effects of 346, 4104
Mamestra brassicae, effects of 346
pea, effects of 5145
Phytoseius plumifer, toxicity of 2945
squash, residues of 4327
Stethorus punctum, toxicity of 1899
Vicia faba, effects of 5145
th azinphos-methyl, and dinocap, in apple orchards, effects on pests and predators of 1899
th carbaryl
in *Lymantria dispar,* effects of 4104
in *Malacosoma neustria,* effects of 4104
th DDT, against, pests of cotton 1521
th phosmet
in *Lymantria dispar,* effects of 4104
in *Malacosoma neustria,* effects of 4104
drin (*see* Mevinphos)
folan (*see* Phosphoramidic acid, 1,3-ithiolan-2-ylidene-, diethyl ester)
met (*S*-[(1,3-dihydro-1,3-dioxo-2*H*-oindol-2-yl)methyl] *O,O*-dimethyl hosphorodithioate)
ainst
Aphis gossypii 4308

Phosmet *contd.*
against *contd.*
Aphis contd.
A. pomi 1465
Conotrachelus nenuphar 1465
Cydia pomonella 172, 1083, 1094, 1465, 1469
Henosepilachna vigintioctopunctata 1228
Hypera postica 4762
Leptinotarsa decemlineata 3573
Panonychus ulmi 1465
pests of cotton 4358
pests of rice 4262
Popillia japonica 258
Prays citri 3753
P. oleae 1103–1104
Psylla pyricola 1469
Saissetia oleae 3756
Synanthedon tipuliformis 1083
Zeuzera pyrina 1083
in honey bees, toxicity of 1220
in *Lymantria dispar,* effects of 346, 4104
in *Malacosoma neustria,* effects of 346, 4104
in *Mamestra brassicae,* effects of 346
in tea, residues of 2494
with azinphos-methyl, and dinocap, in apple orchards, effects on pests and predators of 1899
with carbaryl
in *Lymantria dispar,* effects of 4104
in *Malacosoma neustria,* effects of 4104
with phosalone
in *Lymantria dispar.* effects of 4104
in *Malacosoma neustria,* effects of 4104
Phosphamid (*see* Dimethoate)
Phosphamide (*see* Dimethoate)
Phosphamidon (2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate)
against
Acyrthosiphon pisum 1119
Aleurolobus barodensis 1034
Amrasca devastans 2369, 3259
Antispila rivillei 5117
Aphis craccivora 1119, 3763
A. gossypii 4013, 5247
Astylus atromaculatus 2741
Athalia lugens 774, 2808
Aulacophora foveicollis 1485
Bagrada hilaris 2808
Brevipalpus californicus 3214
Chilo spp. 3697
Cnaphalocrocis medinalis 3168
Cydia delineana 1946
C. pyrivora 567
Dacus oleae 4478
Dicladispa armigera 4265, 4272
Earias insulana 3259

Phosphamidon *contd.*
  against *contd.*
    Earias contd.
    E. vittella 3259
    Empoasca spp. 1119
    Heliothis armigera 2815
    Helopeltis antonii 1888
    Hemaspidoproctus cinereus 590
    Henosepilachna vigintioctopunctata 1228
    Hyadaphis erysimi 2808
    Idiocerus stali 4482, 5120
    leaf-mining moths 1895
    Liriomyza sativae 1204
    Myzus persicae 4457
    Oebalus poecilus 2298
    Oligonychus indicus 1034
    Papilio demoleus 1472
    Pectinophora gossypiella 3259
    pests of cotton 1140, 1944, 4506
    Phytomyza horticola 2815
    Pissodes strobi 3999
    Prays oleae 3216
    Pyrilla perpusilla 1034
    Sahlbergella singularis 1224
    Taeniothrips simplex 660
    Tetranychus urticae 1119, 4198
    thrips 1931
    Thrips tabaci 1933
    Tryporyza incertulas 1426, 3697
    T. innotata 1426
  in *Menochilus sexmaculatus,* toxicity of 2470
  in olives, residues of 4478
  in rabbits, metabolism of 773
  in rats, metabolism of 773
  in *Tetranychus urticae,* effects of 2985
  in *Xanthogramma aegyptium,* toxicity of 4013
  with endrin, against, pests of cotton 1140, 1944
  with fenitrothion, against, *Choristoneura pinus* 1636
Phosphatase
  in *Mamestra brassicae,* activity pattern of 5223
  in *Poekilocerus pictus* eggs, insecticide inhibition and activation of 4951
Phosphatase, adenosine tri-
  in *Phaseolus mungo,* pesticide inhibition of 2069
  in wheat, pesticide inhibition of 2069
Phosphatase, alkaline
  in *Attagenus megatoma,* activity pattern of 22
  in fowls, effects of DDT on 2926
  in *Mamestra brassicae,* effects of *Nosema* infection on 4081
Phosphatidylcholines (*see* Lecithins)
Phosphatidylethanolamines
  in *Dacus oleae,* developmental changes in 4599

Phosphatidylethanolamines *contd.*
  in *Vitula edmandsii* 2544
Phosphatidylglycerols, in *Vitula edmand* 2544
Phosphatidylserines, in *Vitula edmandsi* 2544
Phosphine
  against
    Acanthoscelides obtectus 4489, 52
    Aceria mangiferae 4320
    Attagenus megatoma 1987
    Callosobruchus chinensis 2064, 49
    Ephestia cautella 1976, 4493
    E. elutella 3399, 4494
    Glyptotermes dilatatus 4367
    Lasioderma serricorne 4494
    Neotermes greeni 4367
    pests of stored grain 1984
    Plodia interpunctella 1987, 4493,
    Postelectrotermes militaris 4367
    Rhyzopertha dominica 1987, 4490
    Sitophilus granarius 780, 4489–44 5245
    S. oryzae 5150
    S. zeamais 4950
    Spodoptera littoralis 3991
    Tribolium castaneum 1987, 2056,
    T. confusum 1987, 4489–4490, 52
    Trogoderma granarium 1976
  fumigant for
    flour, and resulting residues 4489
    stored grain 2884
    stored wheat 4490
  in air
    detection of 4643
    determination of 2191
  in *Callosobruchus maculatus,* effects o diet on susceptibility to 3858
  in *Cheletogenes ornatus,* toxicity of 4
  in chrysanthemum, toxicity of 3991
  in *Sitophilus granarius,* effects of 781
  in tea, toxicity of 4367
  in *Tenebroides mauritanicus,* effects of 781
  in *Tribolium confusum,* effects of 78
  sorption and recovery of 1616
  use of, in tropics 2457
  with dichlorvos
    against
      Ephestia elutella 4494
      Lasioderma serricorne 4494
Phosphinic acid, bis(1-aziridinyl)-, ethyl ester, sterilant for, *Pectinophora gossypiella* 4607
Phosphodiesterase, adenosine cyclic 3′,5′ phosphate, in *Manduca sexta* mid-gut 2118
Phosphoglycerides (*see* Lysophosphatidi acids)
Phospholipids
  in *Dacus oleae,* developmental changes 4599

spholipids *contd.*
  Itoplectis conquisitor 4597
  Vitula edmandsii 2544
sphonic acid, (2,2-dichloro-1-hydroxyethyl)-
  imethyl ester
    in mice
      effects of 2486, 2943
      metabolism of 1232
    in *Periplaneta americana,* effects of 2943
sphonic acid, phenyl-, 4-bromo-2,5-dichlorophenyl methyl ester, in wheat, metabolite of leptophos 2290
sphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-, dimethyl ester (*see* Trichlorphon)
sphonodithioic acid, ethyl-
  -(4-chlorophenyl) *O*-ethyl ester
    against
      Euxoa messoria 4920
      Hylemya brassicae 4804
      H. platura 3227
      Hyperodes humilis 1041
    in swede, toxicity of 4804
  O-ethyl *S*-phenyl ester (*see* Dyfonate)
sphonothioic acid, ethyl-
  O-(7-chloro-4-benzofurazanyl) *O*-ethyl ester, against, *Solenopsis invicta* 5057
  O-(2,5-dichloro-4-iodophenyl) *O*-ethyl ester
    against
      Aphis craccivora 5145
      Bemisia tabaci 5145
      Tetranychus arabicus 5145
    in pea, effects of 5145
    in *Vicia faba,* effects of 5145
  O-ethyl *S*-phenyl ester
    against, *Drosophila melanogaster* 4959
    synergists for, atrazine as 4959
  O-ethyl *O*-(2,4,5-trichlorophenyl) ester (*see* Trichloronate)
osphonothioic acid, phenyl-
  O-(4-bromo-2,5-dichlorophenyl) *O*-methyl ester (leptophos)
    against
      Aphis pomi 1899, 4463
      Argyrotaenia velutinana 1899
      Choristoneura rosaceana 1899
      Cydia pomonella 1469, 1899
      Ennomos subsignarius 1898
      Euxoa messoria 4920
      Heliothis zea 1411
      Hemerocampa pseudotsugata 3994
      Hoplocampa spp. 4466
      Hyperodes humilis 1041
      Lymantria dispar 1898
      pests of rice 4263
      Pieris rapae 5143
      Platynota idaeusalis 1899
      Plutella xylostella 5143
      Psylla pyricola 1469

Phosphonothioic acid, phenyl- *contd.*
  O-(4-bromo-2,5-dichlorophenyl) *O*-methyl ester *contd.*
    against *contd.*
      Spodoptera frugiperda 1411
      S. littoralis 3253
      Trichoplusia ni 5143
      Typhlocyba pomaria 1899
      Yponomeuta padellus 4465
    in grape vine, effects of 4474
    in *Stethorus punctum,* toxicity of 1899
    in wheat, residues of 2290
    with endrin, against, *Spodoptera littoralis* 3253
  O-ethyl *O*-(4-nitrophenyl) ester (*see* EPN)
Phosphoramidic acid, acetylphenyl-
  diethyl ester
    against, *Musca domestica* 2058
    anticholinesterase activity of 2058
    synergists for, piperonyl butoxide as 2058
Phosphoramidic acid, 1,3-dithiolan-2-ylidene-
  diethyl ester (phosfolan)
    against
      Plutella xylostella 2807
      Spodoptera littoralis 3253, 3800, 5168, 5248
      Syringopais temperatella 506
Phosphoramidic acid, (4-methyl-1,3-dithiolan-2-ylidene)-
  diethyl ester (mephosfolan)
    against
      Chilo agamemnon 1071
      Earias insulana 1138, 2830
      Hydrellia philippina 524
      Ostrinia nubilalis 1071
      Pectinophora gossypiella 1138, 2830, 4451–4452
      pests of rice 4263
      Phytomyza horticola 4335
      Sesamia cretica 1071
      Spodoptera frugiperda 3167
      S. littoralis 3253, 4450
      Tetranychus cinnabarinus 4454
      T. urticae 4455
      Tryporyza incertulas 524
    resistance to, in
      Myzus persicae 2459
        in Czechoslovakia 5239
    with phorate
      against
        Hydrellia philippina 524
        Tryporyza incertulas 524
Phosphoramidic acid, (1-methylethyl)-
  ethyl 3-methyl-4-(methylthio)phenyl ester (fenamiphos)
    against, *Psila rosae* 4797
  methyl 4-nitrophenyl ester, against, *Leptinotarsa decemlineata* 627
Phosphoramidothioic acid
  S-(4-chlorophenyl) *O*-ethyl ester, against, *Musca domestica* 2474

Phosphoramidothioic acid *contd.*
  O,S-dimethyl ester (methamidophos)
    against
      agricultural pests 2031
      Hylobius pales 1954
      Hyperodes humilis 1041
      Myzus persicae 194, 3208, 3742
      Oscinella frit 5089
      Pectinophora gossypiella 4451
      Pieris rapae 1481–1482, 5143
      Plutella xylostella 1481, 5143
      Spodoptera littoralis 3253, 4450
      Tetranychus cinnabarinus 4454
      Trichoplusia ni 1482, 5143
    in *Pinus,* persistence of 5184
    in *Pinus taeda,* translocation of 1954
    in plant material, determination of 5041
Phosphoramidothioic acid, acetyl-
  O,S-dimethyl ester (acephate)
    against
      Ennomos subsignarius 1898
      Euxoa messoria 4920
      Heliothis zea 1411
      Hylobius pales 5184
      Lymantria dispar 1898
      Myzus persicae 194
      Pieris rapae 5143
      Plutella xylostella 5143
      Popillia japonica 258
      Spodoptera frugiperda 1411
      Trichoplusia ni 1481, 5143
    in *Pinus,* persistence of 5184
Phosphoramidothioic acid, [2-[(diethoxyphosphinothioyl)thio]ethyl]-, *O,O*-diethyl ester, against, *Solenopsis invicta* 5057
Phosphoramidothioic acid, (methoxyacetyl)-, *O,S*-dimethyl ester, in *Stethorus punctum,* toxicity of 2932
Phosphoramidothioic acid, (1-methylethyl)-
  O-(5-chloro-1,6-dihydro-1-methyl-6-oxo-4-pyridazinyl) *O*-methyl ester
    acaricidal activity of 4516
    insecticidal activity of 4516
Phosphoric acid
  3-amino-2-chloro-1-methyl-3-oxo-1-propenyl dimethyl ester, in rats, phosphamidon metabolite 773
  2-bromo-1-(2,4-dichlorophenyl)ethenyl diethyl ester
    against
      Leptinotarsa decemlineata 1246
      Musca domestica 1246
  2-bromo-1-(2,4-dichlorophenyl)ethenyl dimethyl ester
    against
      Leptinotarsa decemlineata 1246
      Musca domestica 1246
  7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl ester (heptenophos)
    insecticidal activity of 1239
Phosphoric acid *contd.*
  7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl, dimethyl ester *contd.*
    toxicology of 1239
  2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl ester (*see* Chlorfenvinphos)
  2-chloro-3-(diethylamino)-1-methyl-3-ox
    1-propenyl dimethyl ester (*see* Phosphamidon)
  2-chloroethenyl dimethyl ester
    in mice, effects of 2943
    in *Periplaneta americana,* effects of 2943
  2-chloro-3-(ethylamino)-1-methyl-3-oxo-
    propenyl dimethyl ester, in rats, phosphamidon metabolite 773
  2-chloro-1-(2,4,5-trichlorophenyl)etheny
    dimethyl ester, (*Z*)- (*see* Tetrachlorvinphos)
  diammonium salt, attractant for, *Cerati*
    capitata 158
  1,2-dibromo-2,2-dichloroethyl dimethyl ester (*see* Naled)
  2,2-dichloroethenyl dimethyl ester (*see* Dichlorvos)
  diethyl 6-methyl-2-(1-methylethyl)-4-pyrimidinyl ester
    against, *Drosophila melanogaster* 49
    in pea, diazinon metabolite 4009
    in rice, diazinon metabolite 4009
    synergists for, atrazine as 4959
  diethyl 4-nitrophenyl ester (*see* Paraoxo
  dimethyl 3-(methylamino)-1-methyl-3-ox
    1-propenyl ester, (*E*)- (*see* Monocrotophos)
  dimethyl 4-(methylsulfonyl)phenyl ester, in *Heliothis virescens,* metabolism of 1619
  dimethyl 4-(methylthio)phenyl ester, against, *Eurygaster* spp. 1203
  3-(dimethylamino)-1-methyl-3-oxo-1-propenyl dimethyl ester, (*E*)- (*see* Dicrotophos)
  dipotassium salt, diet component for, *Myzus persicae* 349
  triphenyl ester, synergist for, malathion 3391
Phosphoric triamide, hexamethyl- (*see* Hempa)
Phosphoric triamide, pentamethyl-, in *Anthonomus grandis,* hempa metabolite 4947
Phosphoric triamide, *N,N,N',N''*-tetramethyl-, in *Anthonomus grandis,* hempa metabolite 4947
Phosphoric triamide, *N,N',N''*-trimethyl-, i
  Anthonomus grandis, hempa metabolite 4947
Phosphorodiamidic fluoride, tetramethyl- (*see* Dimefox)

sphorodithioic acid
[2-(acetylamino)ethyl] *O,O*-dimethyl ester
  against
    Myzus persicae 5152
    Parametriotes theae 5173
  in potato, no ill effects from 5152
[2-chloro-1-(1,3-dihydro-1,3-dioxo-2*H*-isoindol-2-yl)ethyl] *O,O*-diethyl ester (*see* Dialifor)
(chloromethyl) *O,O*-diethyl ester (*see* Chlormephos)
[(6-chloro-2-oxo-3(2*H*)-benzoxazolyl)methyl] *O,O*-diethyl ester (*see* Phosalone)
[[(4-chlorophenyl)thio]methyl] *O,O*-diethyl ester (*see* Carbophenothion)
[[(4-chlorophenyl)thio]methyl] *O,O*-dimethyl ester (*see* Methylcarbophenothion)
[(4,6-diamino-1,3,5-triazin-2-yl)methyl] *O,O*-dimethyl ester (*see* Menazon)
[[(2,5-dichlorophenyl)thio]methyl] *O,O*-diethyl ester (*see* Phenkapton)
,*O*-diethyl *S*-[(ethylsulfinyl)methyl] ester
  against, *Drosophila melanogaster* 4959
  in carrot, residues of 2054
  in maize silage, residues of 2054
  in soil, residues of 1627, 2054
  synergists for, atrazine as 4959
,*O*-diethyl *S*-[(ethylsulfonyl)methyl] ester
  against, *Drosophila melanogaster* 4959
  in carrot, residues of 2054
  in maize silage, residues of 2054
  in soil, residues of 1627, 2054
  synergists for, atrazine as 4959
,*O*-diethyl *S*-[2-(ethylthio)ethyl] ester (*see* Disulfoton)
,*O*-diethyl *S*-[(ethylthio)methyl] ester (*see* Phorate)
,*O*-diethyl *S*-[2-[(1-methylethyl)amino]-2-oxoethyl] ester (*see* Prothoate)
,*O*-diethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl] ester (*see* Azinphos-ethyl)
,*O*-diethyl *S*-(3,4,4-trifluoro-3-butenyl) ester
  against
    Attagenus megatoma 4939
    Lasioderma serricorne 4939
    Tribolium confusum 4939
-[(1,3-dihydro-1,3-dioxo-2*H*-isoindol-2-yl)methyl] *O,O*-dimethyl ester (*see* Phosmet)
,*O*-dimethyl ester, in bean, formothion metabolite 1647
,*O*-dimethyl *S*-[2-(methylamino)-2-oxoethyl] ester (*see* Dimethoate)
,*O*-dimethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl] ester (*see* Azinphos-methyl)

Phosphorodithioic acid *contd.*
S-[[(1,1-dimethylethyl)thio]methyl] *O,O*-diethyl ester
  against
    Ctenicera aeripennis 1920
    Hylemya platura 3227
    Limonius californicus 1920
S,S'-1,4-dioxane-2,3-diyl *O,O,O',O'*-tetraethyl ester (*see* Dioxathion)
S-[(2-ethylamino)-2-oxoethyl] *O,O*-dimethyl ester (*see* Ethoate-methyl)
S-[(ethylsulfinyl)methyl] *O,O*-bis(1-methylethyl) ester
  against
    Athalia lugens 2808
    Bagrada hilaris 2808
    Hyadaphis erysimi 2808
    Leucoptera coffeella 2845, 3262
    Liriomyza sativae 1204
  in coffee, toxicity of 2845
  in *Phaseolus vulgaris*
    effects of 1117
    toxicity of 3232
S-[2-(ethylthio)ethyl] *O,O*-dimethyl ester (*see* Thiometon)
S-[2-(formylmethylamino)-2-oxoethyl] *O,O*-dimethyl ester (*see* Formothion)
S-[2-[(2-methoxyethyl)amino]-2-oxoethyl] *O,O*-dimethyl ester (*see* Amidithion)
S-[(5-methoxy-2-oxo-1,3,4-thiadiazol-3(2*H*)-yl)methyl] *O,O*-dimethyl ester *see* Methidathion
S,S'-methylene *O,O,O',O'*-tetraethyl ester (*see* Ethion)
Phosphorothioic acid
O-[2-(acetylethylamino)-6-methyl-4-pyrimidinyl] *O,O*-diethyl ester (primidophos)
  against, *Aleurocanthus woglumi* 3754
O-(4-bromo-2,5-dichlorophenyl) *O,O*-diethyl ester (*see* Bromophos-ethyl)
O-(4-bromo-2,5-dichlorophenyl) *O,O*-dimethyl ester (*see* Bromophos)
O-[2-chloro-1-(2,5-dichlorophenyl)ethenyl] *O,O*-diethyl ester
  against
    Blissus insularis 2304
    Popillia japonica 258
O-(3-chloro-7-methylpyrazolo[1,5-*a*]pyrimidin-2-yl) *O,O*-diethyl ester (chlorprazophos)
  in *Stethorus punctum*, toxicity of 2932
S-[2-[(1-cyano-1-methylethyl)amino]-2-oxoethyl] *O,O*-diethyl ester (*see* Cyanthoate)
O-(4-cyanophenyl) *O,O*-dimethyl ester (*see* Cyanophos)
O-(2,5-dichloro-4-iodophenyl) *O,O*-dimethyl ester (*see* Iodofenphos)

Phosphorothioic acid *contd.*
O-[2,5-dichloro-4-(methylthio)phenyl] *O,O*-diethyl ester
against
Leptinotarsa decemlineata 3573
Sahlbergella singularis 1224
O-(2,4-dichlorophenyl) *O,O*-diethyl ester (*see* Dichlofenthion)
O,O-diethyl *O*-[2-(ethylthio)ethyl] ester (*see* Demeton-O)
O,O-diethyl *S*-[2-(ethylthio)ethyl] ester (*see* Demeton-S)
O,O-diethyl *O*-[2-(1-hydroxy-1-methylethyl)-6-methyl-4-pyrimidinyl] ester
diazinon metabolite 4009
in sheep, diazinon metabolite 4008
O,O-diethyl *O*-[6-(hydroxymethyl)-2-(1-methylethyl)-4-pyrimidinyl] ester, in sheep, diazinon metabolite 4008
O,O-diethyl *O*-[6-methyl-2-(1-methylethenyl)-4-pyrimidinyl] ester, in sheep, diazinon metabolite 4008
O,O-diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] ester (*see* Diazinon)
O,O-diethyl *O*-[4-(methylsulfinyl)phenyl] ester (*see* Fensulfothion)
O,O-diethyl *O*-[4-(methylsulfonyl)phenyl] ester, in soil, determination of 3983
O,O-diethyl *O*-(4-nitrophenyl) ester (*see* Parathion)
O,O-diethyl *O*-(1-phenyl-1*H*-1,2,4-triazol-3-yl) ester (triazophos)
against
Aleurothrixus floccosus 3748
Cydia pomonella 172, 1083
Hylemya antiqua 1922
Sahlbergella singularis 1224
Synanthedon tipuliformis 1083
Zeuzera pyrina 1083
O,O-diethyl *O*-pyrazinyl ester (*see* Thionazin)
O,O-diethyl *O*-2-quinoxalinyl ester (quinalphos)
acaricidal activity of 2053
against
Cydia pomonella 172
pests of rice 4263
Scutigerella immaculata 4007
Spodoptera littoralis 3253
insecticidal activity of 2053
O,O-diethyl *O*-(3,5,6-trichloro-2-pyridinyl) ester (*see* Dursban)
O,O-diethyl *S*-(3,4,4-trifluoro-3-butenyl) ester
against
Attagenus megatoma 4939
Lasioderma serricorne 4939
Tribolium confusum 4939

Phosphorothioic acid *contd.*
O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] *O,O*-diethyl ester (*see* Pirimiphos-ethyl)
O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] *O,O*-dimethyl ester (*see* Pirimiphos-methyl)
O-(1,6-dihydro-6-oxo-1-phenyl-3-pyridazinyl) *O,O*-diethyl ester (pyridafenthion)
in mice, metabolism of 2070
in rats, metabolism of 2070, 4977
O,O-dimethyl ester, in dusts, fenitrothio product 779
O,O-dimethyl *S*-[2-(methylamino)-2-oxoethyl] ester (*see* Omethoate)
O,O-dimethyl *S*-[2-[[1-methyl-2-(methylamino)-2-oxoethyl]thio]ethyl] ester (*see* Vamidothion)
O,O-dimethyl *O*-[3-methyl-4-(methylthio)phenyl] ester (*see* Fenthion)
O,O-dimethyl *O*-(3-methyl-4-nitropheny ester (*see* Fenitrothion)
O,O-dimethyl *O*-[2-(methylthio)ethyl] ester
with *O,O*-dimethyl *S*-[2-(methylthio)ethyl] phosphorothioa (demephion)
against
Liriomyza sativae 1204
aphids 1238
O,O-dimethyl *S*-[2-(methylthio)ethyl] est
with *O,O*-dimethyl *O*-[2-(methylthio)ethyl] phosphorothioa
against
Liriomyza sativae 1204
aphids 1238
O,O-dimethyl *O*-(4-nitrophenyl) ester (*s* Methyl-parathion)
O,O-dimethyl *O*-(2,4,5-trichlorophenyl) ester (*see* Fenchlorphos)
O,O-dimethyl *O*-(3,5,6-trichloro-2-pyridinyl) ester (chlormethylfos; chlorpyrifos-methyl)
against
Canephora asiatica 3396
Cryptothelea formosicola 3396
C. minuscula 3396
Hemerocampa pseudotsugata 3994
O-ethyl *O*-methyl *O*-(2,4,5-trichlorophenyl) ester
against
Antispila rivillei 5117
Recurvaria nanella 3723
Sitona humeralis 4948
in orchards, non-target effects of 277
in *Synharmonia,* toxicity of 5254
S-[2-(ethylsulfinyl)ethyl] *O,O*-dimethyl ester (*see* Oxydemeton-methyl)
O-[2-(ethylsulfonyl)ethyl] *O,O*-dimethyl ester, in lettuce, residues of 1634

phorothioic acid *contd.*
 2-(ethylsulfonyl)ethyl] *O,O*-dimethyl
  ester (*see* Demeton-S-methyl sulphone)
 2-(ethylthio)ethyl] *O,O*-dimethyl ester
  (*see* Methyl-demeton-O)
 2-(ethylthio)ethyl] *O,O*-dimethyl ester
  (see Methyl-demeton-S)
 (5-methoxy-4-oxo-4*H*-pyran-2-
  yl)methyl] *O,O*-dimethyl ester *see*
  Endothion
 O′-(thiodi-4,1-phenylene) *O,O,O′,O′*-
  tetramethyl ester (temephos)
 gainst, *Euxoa messoria* 4920
 n *Coturnix coturnix,* effects of 4961
phorotrithioic acid
 methyl *S,S*-dipropyl ester
 gainst
  Attagenus megatoma 4939
  Lasioderma serricorne 4939
  Tribolium confusum 4939
phorus
 mango, not related to susceptibility to
  Mycetaspis personata 2790
 wheat, effects on aphid fecundity of
  922
phorus, radioactive (^{32}P)
 alacosoma neustria labelled with 3564
 rker for, *Heliothis virescens* 1345
toxin (*see* Phosphine [from aluminium
 hosphide])
vel (*see* Phosphonothioic acid, phenyl-,
 -(4-bromo-2,5-dichlorophenyl) *O*-
 ethyl ester)
 1899
 3994
 4263
 4463
 4465
 4466
 4474
oaldrin chlorohydrin (*see* 2,4,7-
 etheno-1*H*-cyclopenta[*a*]pentalen-5-ol,
 ,1,2,3,3a,6,7a-heptachlorodecahydro-)
ochlordane (*see* 1,5:2,4-
 imethanopentalene, 2,3,3,3a,4,5,7,8-
 ctachlorooctahydro-)
o-*cis*-chlordane (*see* 1,5:2,4-
 imethanopentalene, 2,3,3,3a,4,5,7,8-
 ctachlorooctahydro-)
ochlordene (*see* 1,2,4-Metheno-1*H*-
 yclobuta[*cd*]pentalene, 1,4,5,5,5a,6-
 exachlorooctahydro-)
odieldrin (*see* 2,4,6-Metheno-2*H*-
 yclopenta[4,5]pentaleno[1,2-*b*]oxirene,
 a,3,3,4,5,5a-hexachlorodecahydro-)
toheptachlor (*see* 1,2,4-Metheno-1*H*-
 yclobuta[*cd*]pentalene, 1,3,4,5,5,5a,6-
 eptachlorooctahydro-,
 $1\alpha,1a\alpha,2\beta,3\alpha,3a\alpha,4\alpha,5a\alpha,5b\alpha$)-)
to(heptachlor epoxide) (*see* 1,5:2,4-
 imethanopentalen-7-one, 2,3,3,3a,4,6,8-
 eptachlorooctahydro-)

Photoperiod
 effects of, on
  Acyrthosiphon pisum 1286, 2114
  Apanteles glomeratus 1329
  Bracon hebetor 357
  Chilocorus bipustulatus 3040
  Chrysopa carnea 3506
  Coccinella transversoguttata 5021
  Crambus tutillus 875
  Cydia funebrana 3194
  C. pomonella 1750, 3194–3195
  Diatraea grandiosella 5020
  Ephestia cautella 1752
  E. elutella 3022
  Heliothis armigera 4613
  H. zea 3039
  Hypsipyla grandella 3265
  Jalysus spinosus 4711
  Leptinotarsa decemlineata 931
  Locusta migratoria 2554, 3097
  Mamestra brassicae 4124
  Megoura viciae 1325
  Myrmica rubra 1859
  Neodiprion abietis 3286
  Oncopeltus fasciatus 61
  Panonychus ulmi 5229
  Pectinophora gossypiella 3507
  Pieris brassicae 1329
  Plodia interpunctella 357, 3022
  Psylla pyri 3457
  Stethorus picipes 4709
  Subcoccinella vigintiquattuorpunctata
   3174
  Tetranychus urticae 380
  Thaumetopoea pityocampa 3903
Phoxim (α-[[(diethoxyphosphinothioyl)oxy]imino]benzeneacetonitrile)
 against
  Acarus siro 1606
  Discestra trifolii 3094
  Empoasca fabae 1495
  Glycyphagus destructor 1606
  Hemerocampa pseudotsugata 3994
  Myzus persicae 1495
  pests of squash 3771
  Phthorimaea operculella 1495
  Pissodes strobi 3999
  Psila rosae 3608
  Rhyzopertha dominica 2481
  Scutigerella immaculata 4007
  Sitophilus oryzae 2481
  soil insects 263
  Spodoptera frugiperda 3167
  S. littoralis 763, 1929, 3253, 4449,
   5168
  Tenebroides mauritanicus 2481
  Thrips tabaci 1495
  Tribolium castaneum 2481
  Tyrophagus putrescentiae 1606
 degradation products of 5260
 with DDT, against, *Pectinophora*
  gossypiella 4452

Phragmataecia castaneae, in Bulgaria 1457
Phragmites communis
  Chilo luteellus on, in Egypt 4063
  Hyalopterus pruni on
    feeding by 3037
    in Egypt 1893–1894
    in Norway 5127
  Porphyrophora hamelii on, in Armenia 2220
Phragmites japonica, *Chilo hyrax* on, in Japan 528
Phrydiuchus tau
  in Yugoslavia 488
  on *Salvia aethiopis,* and biological control using, in Yugoslavia 488
  parasitised by, *Patasson* spp., in Yugoslavia 488
Phryganidia californica
  control of, *Bacillus thuringiensis* for 1193
  in USA 1193
  on *Quercus agrifolia,* in California 1193
Phryxe caudata
  biology of 2021
  in Cyprus 3832
  parasitising
    Thaumetopoea pityocampa 3351
    T. wilkinsoni, in Cyprus 3832
Phthalofos (*see* Phosmet)
Phthalophos (*see* Phosmet)
Phthorimaea operculella
  biology of 2359, 3238, 4345, 4902
  chemoreceptors in 1707
  control of
    antifeedants for 3370
    insecticides for 1131, 1495, 1923, 2819, 4346
  granulosis virus in 3330
    avian vector of 2912
    in Western Australia 2912
  in Australia 2912
  in Costa Rica 3239
  in Egypt 1131, 1495, 1526, 1923, 2819, 3238
  in Greece 2359
  in India 4346
  in Jordan 4902
  in South Africa 196, 998
  in stored potatoes, in Egypt 2819
  on potato
    in Bombay 4346
    in Costa Rica 3239
    in Egypt 1495, 1526, 2819, 3238
    in Greece 2359
    in Jordan 4902
    in South Africa 998
    in Western Australia 2912
  on *Solanum melongena,* in Egypt 1923
  on tobacco, in Greece 2359
  on tomato, in Egypt 1131, 1923
  parasitised by
    Nythobia stellenboschensis 4719
Phthorimaea operculella *contd.*
  parasitised by *contd.*
    Orgilus parcus, in South Africa 99
    Trichogrammatoidea armigera 266
  preyed on by, *Zosterops gouldii,* in Western Australia 2912
Phygadeuon, parasitising, *Pegomya mixta*
  Egypt 1493
Phygon (*see* 1,4-Naphthalenedione, 2,3-dichloro-)
  167
Phyllaphis fagi
  biology of 684
  in Poland 684
  on *Fagus,* in Poland 684
Phyllobius
  on *Lolium multiflorum,* in UK 2305
  on *Lolium perenne,* in UK 2305
Phyllobius maculicornis
  flight activity in 4622
  in West Germany 4622
Phyllobius pyri
  in Sweden 3539
  on *Agropyron repens,* in Sweden 353
  population dynamics of 3539
Phyllobius viridicollis
  in Sweden 3539
  on *Agropyron repens,* in Sweden 353
  population dynamics of 3539
phyllochroma, Chrysopa
Phyllocnistis citrella
  control of 577
  in India 577
  on *Citrus*
    damage caused by 577
    in Uttar Pradesh 577
Phyllocoptruta oleivora
  control of
    acaricides for 278, 972, 2065, 2781–2782, 5132
    Hirsutella thompsonii for 181
  Hirsutella thompsonii in 2003
  in Colombia 180, 2781
  in Egypt 972, 2782
  in Mozambique 3213
  in USA 181, 278, 2065
  in Venezuela 5132
  on *Citrus*
    in Colombia 180, 2781
    in Egypt 972
    in Florida 278
    in Texas 181
    in Venezuela 5132
  on lemon, in Egypt 2782
  on mandarin, in Egypt 2782
  on orange
    in Egypt 2782
    in Florida 2065
    in Mozambique 3213
  population dynamics of 180
  preyed on by, *Agistemus floridanus* 48

llognathus silenus, Metarhizium anisopliae in, infectivity of 2430
llonorycter, in Nepal 1670
llonorycter blancardella
  ontrol of, insecticides for 1895
  Bulgaria 1895
  Iran 1892
  Italy 5122
  n apple, in Italy 5122
  n fruit trees, in Iran 1892
llonorycter corylifoliella
  ontrol of, insecticides for 1895
  Bulgaria 1895
  UK 2090
  n *Sorbus intermedia,* in UK 2090
  arasitised by, *Enaysma suprafolia,* in UK 2090
llonorycter geniculella
  UK 2090
  n *Acer pseudoplatanus,* in UK 2090
  arasitised by, *Enaysma aceriana,* in UK 2090
llonorycter harrisella
  UK 3280
  n *Quercus,* in UK 3280
  arasites of, in UK 3280
llonorycter maestingella
  UK 3280
  n *Fagus,* in UK 3280
  arasites of, in UK 3280
llonorycter quercifoliella
  UK 3280
  n *Quercus,* in UK 3280
  arasites of, in UK 3280
llonorycter ringoniella, mating behaviour in 4615
llonorycter turanica
  Iran 1892
  n fruit trees, in Iran 1892
llophaga (see *Lachnosterna*)
llophaga anxia (see *Lachnosterna*)
llophaga crinita (see *Lachnosterna*)
llophaga fusca (see *Lachnosterna*)
llophaga microphylla (see *Lachnosterna*)
llophaga portoricensis (see *Lachnosterna*)
llopus, Leptoglossus
llotomae, Chrysocharis
llotreta armoraciae, in Canada 2594
llotreta atra
  Egypt 4357
  n cotton, in Egypt 4357
llotreta chotanica
  India 3155
  n wheat, in Madhya Pradesh 3155
llotreta cruciferae
  iology of 2347
  escriptions of 2347
  Canada 2347
llotreta mashonana
  Ethiopia 1827
  n radish, in Ethiopia 1827
Phyllotreta mashonana *contd.*
  on rape, in Ethiopia 1827
Phyllotreta nemorum, turnip yellow mosaic virus in, transmission of 3867
Phyllotreta striolata
  control of
    Bacillus thuringiensis for 1112
    insecticides for 1112
  in Singapore 1112
  on *Brassica alboglabra,* in Singapore 1112
  on Chinese cabbage, in Singapore 1112
Phyllotreta undulata, turnip yellow mosaic virus in, transmission of 3867
Phyllotreta utana, in Canada 2594
Phylloxera notabilis
  control of, insecticides for 3722
  in USA 3722
  on pecan, in Georgia (USA) 3722
Phylloxera vitifoliae (see *Viteus*)
Phylloxeridae, on *Quercus,* in UK 1167
Phylus coryli
  in Turkey 4289
  on hazel, in Turkey 4289
Physalis floridana, potato leaf roll virus in, aphid transmission of 5215–5216
Physcus
  parasitising
    Aulacaspis madiunensis, in Queensland 1402
    A. tegalensis, and biological control using, in Mauritius 1402
    Evallaspis ampelodesmae, in Italy 1832
Physcus indefinitus
  sp. n., description of 995
  in USSR 995
  parasitising, *Tecaspis asiatica,* in Turkmenia 995
Physcus testaceus
  in Iran 4292
  parasitising, *Lepidosaphes malicola,* in Iran 4292
  taxonomy of, characters distinguishing *P. indefinitus* and 995
Physocephala truncata
  in USSR 5060
  parasitising, *Apis mellifera,* in USSR 5060
Physokermes inopinatus
  sp. n., description of 4373
  in Hungary 4373
  on *Picea abies,* in Hungary 4373
Phytocoptes
  control of, acaricides for 574
  on *Diospyros kaki,* in Georgia (USSR) 574
Phytocoris reuteri, pesticides in, toxicity of 3578
Phytodecta pallida
  energy budget of 4096
  in Sweden 4096

- ***Phytodecta pallida*** *contd.*
  - on hazel, in Sweden 4096
- ***Phytodietus,*** in USSR 1260
- ***Phytodietus segmentator***
  - in Poland 1079
  - in West Germany 1386
  - parasitising
    - Tortricidae, in Poland 1079
    - *Tortrix viridana,* in West Germany 1386
- ***Phytolaema herrmanni,*** in Chile 2800
- ***Phytoliriomyza pteridii***
  - sp. n., description of 858
  - in UK 858
  - on *Pteridium aquilinum,* in UK 858
- ***Phytometra circumflexa*** (see *Autographa*)
- ***Phytometra gamma*** (see *Autographa*)
- ***Phytometra ni*** (see *Trichoplusia*)
- ***Phytomyza,*** on Senecioneae 4058
- ***Phytomyza albiceps,*** group of, on Umbelliferae 2976
- ***Phytomyza angelicae***
  - in North America 2976
  - taxonomy of, *Phytomyza laserpitii* as synonym of 2976
  - group of, on Umbelliferae 2976
- ***Phytomyza angelicae kibunensis,*** taxonomy of, raised to specific rank 2976
- ***Phytomyza angelicella,*** taxonomy of, synonym of *P. pastinacae* 2976
- ***Phytomyza archangelicae,*** in North America 2976
- ***Phytomyza atricornis*** **auct.** (see *P. horticola*)
- ***Phytomyza heracleiphaga,*** taxonomy of, reduced to subspecies of *P. spondylii* 2976
- ***Phytomyza horticola***
  - biology of 4335
  - control of, insecticides for 1120, 1975, 2815, 4335, 5145
  - in Egypt 5145
  - in India 1120–1121, 1841, 4335
  - in Philippines 2815
  - on pea
    - in Delhi 1120
    - in Madhya Pradesh 1841
    - in Philippines 2815
    - in Rajasthan 1121
    - in Uttar Pradesh 4335
  - oviposition in, effects of infested leaves on 1319
  - parasitised by, *Neochrysocharis* spp., in Madhya Pradesh 1841
- ***Phytomyza ilicicola***
  - in USA 116
  - on *Ilex opaca,* in Florida 116
  - parasitised by
    - *Closterocerus cinctipennis,* in Florida 116
    - *C. tricinctus,* in Florida 116
- ***Phytomyza ilicicola*** *contd.*
  - parasitised by *contd.*
    - *Pediobius lithocolletidis,* in Florida 116
- ***Phytomyza kibunensis,*** taxonomy of, raise from subspecies of *P. angelicae* 2976
- ***Phytomyza laserpitii,*** taxonomy of, synony of *P. angelicae* 2976
- ***Phytomyza pastinacae,*** taxonomy of, *Phytomyza angelicella* as synonym of 2976
- ***Phytomyza rufipes***
  - control of, insecticides for 2344
  - in UK 2344
  - on calabrese, in UK 2344
- ***Phytomyza spondylii heracleiphaga,*** taxonomy of, reduced from specific ran 2976
- ***Phytomyza tlingitica***
  - sp. n., description of 2976
  - in USA (Alaska) 2976
  - on *Heracleum,* in Alaska 2976
- ***Phytomyza vomitoriae***
  - in USA 116, 481, 2960
  - on *Ilex vomitoria*
    - in Florida 116, 2960
    - in Georgia (USA) 481
  - parasitised by
    - *Achrysocharella* spp., in Georgia (US 481
    - *Chrysocharis* spp., in Florida 116
    - *C. petiolatus,* in Georgia (USA) 481
    - *Cirrospilus multilineatus,* in Florida 116
    - *Derostenus* spp.
      - in Florida 116
      - in Georgia (USA) 481
    - *Diglyphus intermedius,* in Florida 11
    - *Opius* spp., in Georgia (USA) 481
- ***Phytonomus variabilis*** (see *Hypera postica*
- ***Phytophthora palmivora*** (see also Cacao black pod disease)
  - in
    - *Brachypeplus pilosellus,* transmission 3870
    - *Chaetonerius latifemur,* transmission c 3870
- ***Phytoptus avellanae***
  - in Spain 3095
  - on hazel, in Spain 3095
- ***Phytoptus ribis*** (see *Cecidophyopsis*)
- ***Phytoscutus sexpilis*** (see *Amblyseius*)
- **Phytoseiidae**
  - cages for 3062
  - in Arizona 2636
  - in Egypt 848
  - in Moldavia 3084
  - preying on, *Cryptoblabes gnidiella,* in Egypt 4609
  - taxonomy of 961
- ***Phytoseiulus macropilis***
  - descriptions of 2108

toseiulus macropilis *contd.*
USA (Hawaii) 2270, 3503
eying on
Brevipalpus phoenicis, in Hawaii 3503
Tenuipalpidae, in Hawaii 2270
Tetranychidae, in Hawaii 2270
toseiulus persimilis
velopment in, effects of prey on 4218
cundity in, effects of prey on 4218
eding behaviour in, effects of pesticides on 2268
secticides in, toxicity of 1243
sticides in, assessing toxicity of 3553
rimicarb in, toxicity of 4941
edatory behaviour in 2268
eying on
Tetranychus urticae 2268, 4218
  and biological control using
    in Bulgaria 3226
    in England 4917
    in Poland 3579
    in UK 2635
aring of, diets for 2266
toseiulus riegeli (see *P. persimilis*)
toseius, in Egypt 848
toseius macropilis
eding in 955
East Germany 1087
Netherlands 1080
toseius plumifer, acaricides in, toxicity of 2945
a
delges abietis on
in West Germany 3836
resistance to 3836
. *tardus* on, in Belgium 3613
ryphalus abietis on, in Lithuania 3955
ydia youngana on, in Alaska 2259
endroctonus micans on, in Georgia (USSR) 5178
ioryctria reniculelloides on, in North America 2511
pinotia tedella on, in West Germany 4383
ylurgops palliatus on, in West Germany 710
s chalcographus on, in West Germany 710
typographus on, in West Germany 710
ymantria monacha on, in West Germany 3836
sts of, effects of host nutrition on 2866
ymphyta on, in Belgium 222
rypodendron lineatum on, in West Germany 710
rocerus gigas on, in Poland 685
eris spectrum on, in Poland 685
a abies
amptomyia strobi on, in Czechoslovakia 5192
erambycidae on, in Belgium 2857

Picea abies *contd.*
  Dasineura abietiperda on, in Czechoslovakia 5192
  D. piceae on, in Czechoslovakia 5192
  Dioryctria schuetzeella on, in West Germany 2511
  Epinotia tedella on, development of 5191
  Ips typographus on, in Czechoslovakia 703
  Kaltenbachiola strobi on, in Czechoslovakia 5192
  Lymantria monacha on, in Denmark 5180
  Monochamus spp. on, in Europe 1163, 1964
  Oligonychus ununguis on
    in Finland 1960
    in Pennsylvania 1390
  Physokermes inopinatus on, in Hungary 4373
  Plemeliella abietina on, in Czechoslovakia 5192
  Pseudohermenias clausthaliana on, in Denmark 4832
  Semanotus undatus on, in Italy 2869
  Sirex juvencus on, in Poland 685
Picea engelmannii
  Choristoneura occidentalis on, in Montana 695
  Dendroctonus rufipennis on, in British Columbia 2859
  Dioryctria reniculelloides on, in British Columbia 2511
  Tetropium parvulum on, in Alberta 1172, 1672
Picea excelsa (see *P. abies*)
picea, Formica
Picea glauca
  Choristoneura fumiferana on
    in Ontario 3926, 4911
    on Quebec 3274
  C. pinus on, in Manitoba 3273
  Dendroctonus rufipennis on, in British Columbia 2859
  Mamestra curialis on, in Ontario 4393
  Neodiprion abietis on, in North America 3291
  Pyrrhia exprimens on, in Ontario 4393
  Taniva albolineana on, in New York 3841
  Tetropium cinnamopterum on, in Alberta 1672
  T. parvulum on, in Alberta 1172, 1672
picea, Heptophylla
Picea mariana
  Choristoneura pinus on, in Manitoba 3273
  Lambdina fiscellaria on, in Quebec 3272
  Neodiprion abietis on, in North America 3291
  Zeiraphera improbana on, in Ontario 3816

Picea omorika, *Epinotia tedella* on, development of 5191
Picea orientalis
  Adelges nordmannianae on, in Austria 707
  Dendroctonus micans on, in Georgia (USSR) 3830
  Epinotia tedella on, development of 5191
Picea pungens, *Epinotia tedella* on, development of 5191
Picea rubens, predators in soil beneath 2949
Picea sitchensis
  Lymantria monacha on, in Denmark 5180
  Pissodes strobi on, in British Columbia 2868
piceae, Adelges, (*Dreyfusia*)
piceae, Dasineura
piceae, Pissodes
piceae, Resseliella
piceicola, Cinara
piceus, Attagenus (see *A. megatoma*)
piceus, Blaptostethus
picipes, Aphidius
picipes, Meligethes
picipes, Stethorus
picivorus, Pachylobius
Picromerus bidens
  in Austria 5068
  in West Germany 5068
  preying on, *Pristiphora erichsonii,* in central Europe 5068
picta, Delphinia
picta, Marietta
picta, Melanophila
pictilis, Cenopalpus
pictipes, Aegeria, (*Synanthedon*)
pictus, Cirrospilus
pictus, Poekilocerus
Picus viridis
  preying on
    Formica rufa, in Netherlands 2686
    Lasius fuliginosus, in Netherlands 2686
pidigalaensis, Paraivongius
Pied flycatcher (see *Ficedula hypoleuca*)
Pierce's disease
  causal agent
    in, *Hordnia circellata,* transmission of 554
    rickettsia-like organisms implicated as 554
Pieris
  control of, insecticides for 195
  on brussels sprouts, in Netherlands 195
Pieris brassicae
  androconial secretions of 2132
  Bacillus thuringiensis in, assay for 2001
  black vein mutant of 2139
  carbohydrates in, effects of parasitism on 3464
Pieris brassicae *contd.*
  carotenoids in food-plants and 347
  central nervous system in 870
  development in 14
  diapause in 3024, 4634
  dimethoate resistance in, mechanism of 276
  food-plants of, in Turkey 4443
  granulosis virus in
    effects of diet on 3894
    formaldehyde in diet for control of 2433
    formulations of 741
    properties of 3876
    solubilisation of inclusion bodies in 2432
  hyperparasitised by
    Eupteromalus peregrinus, in Hungary 3222
    Tetrastichus galactopus, in Hungary 3222
  in Hungary 3222
  in Turkey 4443
  in UK 3221
  in USSR 3954
  lateral ocelli in 4634
  moulting cycle in 4084
  nervous system in 4565
  on cabbage, in Hungary 3222
  parasitised by
    Apanteles glomeratus 1329, 3464
      in Hungary 3222
      in Lithuania 3954
    A. limbatus, in Hungary 3222
    Compsilura concinnata, in Hungary 3222
    Nythobia rufipes, in Hungary 3222
    Pimpla instigator 4220
      in Hungary 3222
    Pteromalus puparum 1387
      in Hungary 3222
    Trichogramma evanescens, in Hungar 3222
  perilemma in 870
  photoperiodic adaptations in 1329
  post-embryonic development in 874
  reproduction in 3455
  taxonomy of, *Pieris cheiranthi* distinct from 1669
  trichlorphon in, effects of 3482
  trichlorphon resistance in, mechanism of 276
  turnip yellow mosaic virus in, transmission of 3867
Pieris cheiranthi, taxonomy of, *Pieris brassicae* distinct from 1669
Pieris napi
  androconial secretions of 2132
  in UK 3221
Pieris napi **morph** ***funebris,*** appearance and genetics of 361

is rapae
- droconial secretions of 2132
- ntrol of
  - *Bacillus thuringiensis* for 1481–1482, 1581, 5142–5143
  - insecticides for 1481–1482, 2805, 5142–5143
- anulosis virus in
  - and biological control using 4501
  - effects of 1185
  - Australia 2805
  - Canada 1482
  - Egypt 5061
  - UK 3221
  - USA 1481, 4501, 5059, 5142–5143
  - USSR 3954
- cabbage
  - in Georgia (USA) 5143
  - in Missouri 4501
  - in Quebec 1482
  - in South Carolina 5142
- kale
  - in Alabama 1481
  - in South Carolina 5142
- rape, in Western Australia 2805
- rasitised by
  - *Apanteles glomeratus,* in Lithuania 3954
  - *A. rubecula,* effects of juvenile hormone analogues on 474
  - *Pteromalus puparum,* effects of pathogens on 1185
  - *Spilochalcis side,* in North Carolina 5059
- rathion susceptibility in, effects of food-plant on 1632
- eyed on by, *Labidura riparia,* in Egypt 5061
- *helohania* spp. in, effects of 1185

ris rapae crucivora
- apause in, neurosecretory control of 2130
- nbryonic moulting in 1692
- eding behaviour in 2991
- aemolymph in, effects of parasitism on 1854
- arasitised by, *Apanteles glomeratus* 1854

ris rapae orientalis
- ntrol of
  - *Bacillus thuringiensis* for 5139
  - insecticides for 5139
- USSR 5139
- n cabbage, in USSR 5139
- arasitised by
  - *Apanteles glomeratus,* in USSR 5139
  - *Ernestia* spp., in USSR 5139

roides, Eucyclodes

sma maculatum
- Bulgaria 2279
- n medicinal plants, in Bulgaria 2279

eri, Amblyseius

Pigeon pea (see *Cajanus cajan*)

Pigmeophorus (see *Pygmephorus*)

Pikonema alaskensis (see *Pachynematus*)

pilipes, Machimus

pilleriana, Sparganothis

pilmus, Epicauta

pilosellus, Brachypeplus

pilosus, Cryptophagus

Pimelia subglobosa
- in USSR 622
- on sugar-beet, in USSR 622

Pimenta dioica, *Anastrepha suspensa* on, in Jamaica 3758

Pimento (see *Pimenta dioica*)

Pimpinella anisum, pests of, in Turkey 4458

Pimpla aquilonia
- in USA (Alaska) 4721
- parasitising, *Lambdina fiscellaria,* in Alaska 4721

Pimpla aquilonia flavicoxis
- larval activity in 2664
- parasitising, *Galleria mellonella* 2664

Pimpla disparis
- in South Korea 3642
- parasitising, *Hyphantria cunea,* in South Korea 3642

Pimpla examinator (see *P. turionellae*)

Pimpla flavicoxis (see *P. aquilonia flavicoxis*)

Pimpla hesperus
- in USA (Alaska) 4721
- parasitising, *Lambdina fiscellaria,* in Alaska 4721

Pimpla instigator
- in Hungary 3222
- oviposition in 4220
- parasitising
  - *Pieris brassicae* 4220
    - in Hungary 3222

Pimpla naranyae (see also *Itoplectis naranyae*)
- biology of 2296
- descriptions of 2296
- in Japan 2296
- parasitising
  - *Chilo suppressalis* 2296
  - *Galleria mellonella* 2296
  - *Naranga aenescens* 2296
- rearing of, techniques for 2296

Pimpla pedalis
- in USA (Alaska) 4721
- parasitising, *Lambdina fiscellaria,* in Alaska 4721

Pimpla poesia (see *Coccygomimus laothoe*)

Pimpla spuria
- in USSR 3737, 4770
- parasitising
  - *Cydia pomonella,* in Moldavia 4770
  - *C. pyrivora,* in USSR 3737

Pimpla turionellae
  embryonic development in, stimuli for onset of 3454
  in India 3145
  in Poland 1079
  in USSR 3945, 3950, 4770
  larval activity in 2664
  parasitising
    Cydia pomonella, in Moldavia 4770
    Galleria mellonella 2664
    Malacosoma neustria, in Lithuania 3945
    Nematus ribesii, in Lithuania 3950
    Ostrinia kasmirica, in India 3145
    Tortricidae, in Poland 1079
    Yponomeuta padellus, in Lithuania 3945
  rearing of 479
pinawae, Masonaphis
Pine (see *Pinus*)
Pine, Austrian (see *Pinus nigra*)
Pine, black (see *Pinus nigra*)
Pine, chilgoza (see *Pinus gerardiana*)
Pine, cypress (see *Callitris*)
Pine, eastern white (see *Pinus strobus*)
Pine, hoop (see *Araucaria cunninghamii*)
Pine, jack (see *Pinus banksiana*)
Pine, Japanese black (see *Pinus thunbergii*)
Pine, klinkii (see *Araucaria hunsteinii*)
Pine, loblolly (see *Pinus taeda*)
Pine, lodgepole (see *Pinus contorta*)
Pine, longleaf (see *Pinus palustris*)
Pine, maritime (see *Pinus pinaster*)
Pine, Monterey (see *Pinus radiata*)
Pine, mugho (see *Pinus mugo*)
Pine, pinyon (see *Pinus edulis*)
Pine, ponderosa (see *Pinus ponderosa*)
Pine, red (see *Pinus resinosa*)
Pine, sand (see *Pinus clausa*)
Pine, Scots (see *Pinus sylvestris*)
Pine, shortleaf (see *Pinus echinata*)
Pine, slash (see *Pinus elliottii*)
Pine, spruce (see *Pinus glabra*)
Pine, sugar (see *Pinus lambertiana*)
Pine, Virginia (see *Pinus virginiana*)
Pine, white (see *Pinus strobus*)
pinea, Cinara
Pineapple (*Ananas comosus*)
  Dysmicoccus brevipes on
    in Angola 860
    in Cook Islands 2228
    in Easter Island 2253
  Thecla spp. on, damage caused by 2760
Pineapple disease of sugar-cane (see also *Ceratocystis paradoxa*)
α-Pinene (*see* Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-)
β-Pinene (*see* Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-)
pineti, Schizolachnus
pinetum, Neodiprion
Pineus, natural enemies of 2871
Pineus strobi
  in USA 4230
  on *Pinus strobus*, in Ohio 4230
  preyed on by, *Leucopis pinicola*, in Ohi 4230
pini, Cecidomyia
pini, Dendrolimus
pini, Diprion
pini, Ips
pini, Lestodiplosis
pini, Matsucoccus
piniarius, Bupalus
piniarius, Hylurdrectonus
Pinicola enucleator, preying on, *Lambdin fiscellaria*, in Newfoundland 1853
pinicola, Leucopis
pinicola, Ooencyrtus
pinifoliae, Phenacaspis
piniperda, Myelophilus
  (*Blastophagus*)
  (*Tomicus*)
pinivora, Acantholyda
pinivora, Thaumetopoea
Pink bollworm (see *Pectinophora gossypiella*)
Pinnaspis strachani
  in South Korea 2651
  rearing of, techniques for 3058
Pinocarvone (*see* Bicyclo[3.1.1]heptan-3-o 6,6-dimethyl-2-methylene-)
Pinto beans, diet component for, *Bactra verutana* 4639
Pinus
  Bupalus piniarius on
    in Netherlands 3377
    in West Germany 711, 4841
  Cecidomyia pini on, in Czechoslovakia 5192
  Cenopalpus favosus on, in Pakistan 29
  Contarinia baeri on, in Czechoslovakia 5192
  Coptotermes niger on, in Guatemala 5189
  Dendroctonus frontalis on, in Georgia (USA) 4957
  Dendrolimus pini on, in West Germany 711, 4841
  D. spectabilis on, in South Korea 3537
  Diprion frutetorum on, in Illinois 5186
  D. pini on
    in France 681
    in West Germany 711, 4841
  Ergates faber on, in Italy 4839
  Gravitarmata margarotana on, in China 5195
  Ips spp. on, in Guatemala 5189
  Lambdina pellucidaria on, in Georgia (USA) 3835
  Leucaspis pusilla on, in Italy 701
  Lymantria monacha on, in West Germa 711, 4841
  Monochamus spp. on, in Europe 1964

- ***us*** *contd.*
  - *onochamus contd.*
    - *. galloprovincialis* on, in Europe 1163
    - *. sutor* on, in Europe 1163
  - *yelophilus minor* on, in Finland 4037
    - *. piniperda* on, in Finland 4037
  - *eodiprion* spp. on, in Illinois 5186
    - *. sertifer* on
      - damage caused by 5194
      - in Austria 4847
  - *uculaspis californica* on, in USA 3820
  - *anolis flammea* on, in West Germany 711, 4841
  - sts of
    - in Canada 5201
    - in Mediterranean region 666–667
    - in Poland 4834
  - *ristiphora abietina* on, in Austria 4847
  - *hyacionia buoliana* on
    - in Denmark 1966–1967
    - in Spain 679
    - in Washington 5193
  - *haumetopoea pinivora* on, in Spain 669
    - *. pityocampa* on
      - in Italy 672
      - in Spain 665, 668–669
  - *hecodiplosis brachyntera* on, in Czechoslovakia 5192
- ***us ayacahuite,*** *Pityophthorus cristatus* on, in Arizona 4556
- ***us balfouriana***
  - *ityophthorus inyoensis* on, in California 4556
    - *. sierrensis* on, in California 4556
- ***us banksiana***
  - *horistoneura pinus* on
    - in Manitoba 1636, 3273
    - in Ontario 1636
  - *oumeyella numismatica* on, in Manitoba 3649
- ***us brutia,*** *Thaumetopoea wilkinsoni* on, n Cyprus 3832
- ***us caribaea,*** *Rhyacionia frustrana* on, in Nicaragua 3264
- ***ıs, Choristoneura***
- ***us clausa***
  - *eodiprion excitans* on, in Florida 717
  - *risetacus floridanus* on, in Florida 4148
- ***us contorta***
  - *oleotechnites* spp. on
    - in California 692
    - in Oregon 692, 2861
  - *endroctonus ponderosae* on
    - in British Columbia 1171
    - in Wyoming 1543
  - *ioryctria reniculelloides* on, in North America 2511
  - *ymantria monacha* on, in Denmark 5180
  - *onochamus* spp. on, in Alberta 4849
  - *etrova resinella* on, in Denmark 1165
  - *hyacionia buoliana* on 3271
- ***Pinus contorta*** *contd.*
  - *Rhyacionia buoliana* on *contd.*
    - in Denmark 1165, 1965
- ***Pinus densiflora,*** *Thecodiplosis japonensis* on, damage caused by 700
- ***Pinus echinata***
  - *Dendroctonus frontalis* on, in Texas 1955–1956
  - *Dioryctria* spp. on, in Georgia (USA) 4843
  - *Eucosma cocana* on, in Georgia (USA) 4843
  - *Leptoglossus corculus* on, in Georgia (USA) 4843
  - *Nepytia semiclusaria* on, in Georgia (USA) 2390, 3835
  - *Rhyacionia frustrana* on, in Georgia (USA) 4843
  - systemic insecticides in, persistence of 5184
- ***Pinus edulis,*** *Petrova arizonensis* on, in Colorado 1958
- ***Pinus elliottii***
  - *Cydia anaranjada* on, in Florida 225
  - *Dendroctonus frontalis* on, in Texas 1955–1956
  - *Dendrolimus punctatus* on, in Taiwan 696
  - *Gnophothrips fuscus* on, in Florida 691
  - *Nepytia semiclusaria* on, in Georgia (USA) 3835
  - systemic insecticides in, persistence of 5184
  - *Trisetacus floridanus* on, in Florida 4148
- ***Pinus engelmanni,*** *Pityophthorus cristatus* on, in Arizona 4556
- ***Pinus excelsa,*** *Carphoborus costatus* on, in India 705
- ***Pinus flexilis***
  - *Pityophthorus sierrensis* on, in California 4556
  - *Pityotrichus hesperius* on, in Arizona 4556
- ***Pinus glabra,*** *Trisetacus floridanus* on, in Florida 4148
- ***Pinus halepensis***
  - *Brevipalpus wainsteini* on, in Italy 224
  - *Ips erosus* on, in Tunisia 4835
- ***Pinus lambertiana***
  - *Ips paraconfusus* on, in California 4231
  - *Pityophthorus brucki* on, in California 4556
- ***Pinus leiophylla,*** *Pityophthorus cristatus* on, in Arizona 4556
- ***Pinus longifolia,*** *Carphoborus costatus* on, in India 705
- ***Pinus luchuensis,*** *Dendrolimus punctatus* on, in Taiwan 696
- ***Pinus maritima*** (see *P. pinaster*)
- ***Pinus massoniana,*** *Dendrolimus punctatus* on, in Taiwan 696

Pinus montezumae
  Dendroctonus adjunctus on, in Guatemala 5189
  D. frontalis on, in Guatemala 5189
Pinus mugo
  Cinara neubergi on, in Austria 718
  Thecodiplosis brachyntera on
    damage caused by 4386–4387
    in Czechoslovakia 1548
Pinus nigra
  aphids on, in Italy 702
  Neodiprion sertifer on, in Austria 4846
  Pissodes notatus on, in Spain 680
  Thaumetopoea pityocampa on, in Corsica 3353
  Thecodiplosis brachyntera on, damage caused by 4387
Pinus oocarpa
  Dioryctria erythropasa on, in Honduras 3264
  Rhyacionia frustrana on, in Honduras 3264
Pinus palustris
  Dendroctonus frontalis on, in Texas 1955–1956
  systemic insecticides in, persistence of 5184
Pinus patula
  Europtera punctillata on, in Malagasy Republic 3439
  Odites fotsyella on, in Malagasy Republic 3439
Pinus pinaster
  Ips erosus on, in Tunisia 4835
  Matsucoccus feytaudi on
    in France 676, 3355–3357
    in Morocco 3356
    in Portugal 3356
    in Spain 3356
  Myelophilus destruens on, in France 3355
  M. minor on, in Spain 680
  M. piniperda on, in Spain 680
  Pissodes notatus on, in France 3355
  secondary pests of, in France 3357
Pinus pinea
  Brevipalpus lineola on, in Italy 224
  B. wainsteini on, in Italy 224
  pest control on 682
Pinus ponderosa
  Choristoneura occidentalis on, in Montana 1972
  Dendroctonus ponderosae on, in Washington 3837
  Ips paraconfusus on, in California 4231
  Rhyacionia buoliana on 3271
Pinus pseudostrobus, *Dioryctria abietella* on, in Honduras 3264
Pinus radiata
  Prionoplus reticularis on, in New Zealand 2856
Pinus radiata *contd.*
  Sirex noctilio on, effects of mucus of 1173
  Thaumetopoea pityocampa on, damage caused by 675
Pinus resinosa, *Ips pini* on, in Ontario 4392
Pinus rigida, *Thecodiplosis japonensis* on, resistance to 700
Pinus rudis, *Dendroctonus adjunctus* on, in Guatemala 5189
Pinus strobiformis, *Pityotrichus hesperius* on, in Arizona 4556
Pinus strobus
  arthropod communities on, in North Carolina 5185
  Pineus strobi on, in Ohio 4230
  Pissodes strobi on, in Ontario 3999
***Pinus strobus* (timber)**
  Anacanthotermes ochraceus in, in Egypt 3862
  Psammotermes fuscofemoralis in, in Egy 3862
Pinus sylvestris
  Acantholyda pinivora on, in Byelorussia 699
  Brevipalpus lineola on, in Italy 224
  Contarinia baeri on, in Czechoslovakia 2393, 5192
  Dendrolimus pini on, in Poland 1168
  Eulachnus agilis on, in Pennsylvania 2
  Gilpinia verticalis on, in Sweden 3815
  Lophodermium pinastri on, in Poland 1168
  Lymantria monacha on, in Denmark 5180
  Matsucoccus pini on, in Poland 689
  Myelophilus piniperda on, in Netherland 698
  Neodiprion sertifer on, in Austria 4846
  pests of
    in France 678
    in Poland 4834
  Petrova resinella on, in France 678
  Rhyacionia buoliana on
    in France 678
    in Spain 677
    in West Germany 3823
  Thecodiplosis brachyntera on
    damage caused by 4387
    in Czechoslovakia 1548, 2393
Pinus tabulaeformis, *Gravitarmata margarotana* on, in China 5195
Pinus taeda
  Dendroctonus frontalis on, in Texas 1955–1956
  Dioryctria taedae on, in USA 4061
  Hylobius pales on
    in Arkansas 1961
    in Oklahoma 1961
  Monitor in, absorption of 1954
  Neodiprion taedae on, in Arkansas 487

us taeda *contd.*
Nepytia semiclusaria on, in Georgia (USA) 2390, 3835
Pachylobius picivorus on
in Arkansas 1961
in Oklahoma 1961
oil mesofauna associated with, effects of burning on 716
ystemic insecticides in, persistence of 5184
us taeda **phloem,** diet component for, *Hylobius pales* 1348
us taiwanensis, *Dendrolimus punctatus* on, in Taiwan 696
us tenuifolia
Dendroctonus adjunctus on, in Guatemala 5189
D. frontalis on, in Guatemala 5189
us thunbergii, *Rhyacionia frustrana* on, in Rhode Island 1962
***us* (timber),** termite repellent in 1021
us uncinata, *Thecodiplosis brachyntera* on, damage caused by 4387
us virginiana, systemic insecticides in, persistence of 5184
us wallichiana
Cenopalpus capacis on, in Pakistan 2979
Epipemphigus imaicus on, in Pakistan 3817
phila casei
s experimental material 4173
levelopment in, effects of bacteria on 3295
γ-irradiation resistance in 5205
ife-span in, effects of γ-irradiation on 5205
adiation damage in, repair of 1741
PD (*see* 2,4,6-Metheno-2*H*-cyclopenta[4,5]pentaleno[1,2-*b*]oxirene, 2a,3,3,4,5,5a-hexachlorodecahydro-)
eronyl butoxide (5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-1,3-benzodioxole)
FAO specifications for 793
n *Musca domestica,* effects on oxidation of toluene methyl group of 3796
n rats
increasing toxicity of pyrethrins 2489
toxicity of 2489
n *Spodoptera littoralis,* effects on oxidation of toluene methyl group of 3796
ynergist for
S-bioallethrin 2484
carbaryl 2483
organic phosphates 2058
pyrethrins 2915
pyrethroids 3400
iens, Culex
i, Anthonomus
rimicarb (2-(dimethylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate)
Pirimicarb *contd.*
against
Aphis gossypii 4308
A. pomi 4463
Myzus persicae 194, 4941
in *Chrysopa carnea,* toxicity of 4941
in *Encarsia formosa*
effects of 1020
toxicity of 4941
in honey bees, toxicity of 3976
in *Phytoseiulus persimilis,* toxicity of 4941
in plant material, bioassay for 4174
resistance to, in
Myzus persicae 2459
in Czechoslovakia 5239
with menazon, against, *Aphis gossypii* 4308
Pirimiphos-ethyl (*O*-[2-(diethylamino)-6-methyl-4-pyrimidinyl] *O,O*-diethyl phosphorothioate)
against
Ctenicera aeripennis 1920
Hylemya antiqua 3575
H. brassicae 4804
H. platura 3227
Limonius californicus 1920
Psila rosae 3608, 4797
Sciara auripila 486
Spodoptera littoralis 763, 1929
formulations of 3924
in bean, toxicity of 3227
in maize, toxicity of 3227
in onion, residues of 3575
in rats, toxicity of 3924
in wheat, toxicity of 3924
Pirimiphos-methyl (*O*-[2-(diethylamino)-6-methyl-4-pyrimidinyl] *O,O*-dimethyl phosphorothioate)
against
Acarus siro 1977
Aleurocanthus woglumi 3754
Aphis gossypii 4308
Leptinotarsa decemlineata 625, 627, 1248, 3573
Myzus persicae 4457
Oryzaephilus mercator 2405
Pentatomidae 126
Plodia interpunctella 2405
Psila rosae 4797
Sahlbergella singularis 1224
Tribolium castaneum 2405
Tyrophagus putrescentiae 1977
Pirimor (*see* Pirimicarb)
pirivorella, Numonia
pisorum, Bruchus
Pissodes notatus
biology of 680
control of, insecticides for 680
in France 3355, 3357
in Spain 680
on *Pinus,* in Mediterranean region 667

Pissodes notatus *contd.*
  on *Pinus nigra,* in Spain 680
  on *Pinus pinaster,* in France 3355, 3357
Pissodes piceae
  in Romania 690
  on *Abies alba,* in Romania 690
Pissodes strobi
  biology of 2868
  control of
    insecticides for 3999
    juvenile hormone analogues for 2034
  in Canada 2868, 3999
  on *Picea sitchensis,* in British Columbia 2868
  on *Pinus strobus,* in Ontario 3999
Pistachio (see *Pistacia vera*)
Pistacia vera
  Capnodis cariosa on, in Iran 2961
  Idiocerus stali on, in Turkey 4482, 5120
  pests of, in Turkey 4480
  Thaumetopoea solitaria on, in Turkey 4481
pistaciae, Lepidosaphes
Pisterotarsa, parasitised by, Sarcophagidae, in Turkmenia 996
Pisum, pea enation virus in, infectivity of 4330
pisum, Acyrthosiphon
Pisum arvense, *Bruchus emarginatus* on, in India 5147
Pisum sativum (see Pea)
Pithecellobium dulce, *Polydesma umbricola* on, in Réunion 5187
pityocampa, Thaumetopoea
pityocampae, Ooencyrtus
Pityogenes chalcographus (see *Ips*)
Pityogenes lipperti (see *Ips calcaratus*)
Pityokteines curvidens (see *Ips*)
Pityophthorus
  in Arizona 4556
  in California 4556
Pityophthorus brucki
  sp. n., description of 4556
  in USA 4556
  on *Pinus lambertiana,* in California 4556
Pityophthorus cristatus
  in USA 4556
  on *Pinus ayacahuite,* in Arizona 4556
  on *Pinus engelmanni,* in Arizona 4556
  on *Pinus leiophylla,* in Arizona 4556
Pityophthorus inyoensis
  sp. n., description of 4556
  in USA 4556
  on *Pinus balfouriana,* in California 4556
Pityophthorus sierrensis
  sp. n., description of 4556
  in USA 4556
  on *Pinus balfouriana,* in California 4556
  on *Pinus flexilis,* in California 4556
Pityotrichus barbatus, taxonomy of, characters distinguishing *P. hesperius* and 4556
Pityotrichus hesperius
  sp. n., description of 4556
  in USA 4556
  on *Pinus flexilis,* in Arizona 4556
  on *Pinus strobiformis,* in Arizona 4556
placida, Pyrrhalta, (*Galerucella*)
placitus, Tenuipalpus
plagiata, Tiracola
plagiator, Ephedrus
plagicolella, Stigmella
plagifera, Paralebeda
Plagiognathus albatus
  in USA 4836
  on *Platanus occidentalis,* in Illinois 483
Plagiohammus spinipennis
  on *Lantana camara,* and biological contr using, in New South Wales 4241
  rearing of, techniques for 4241
Plagionotus floralis
  in USSR 147
  on lucerne, in USSR 147
plana, Metisa
Planicephalus, taxonomy of 4548
Planococcoides njalensis
  cacao swollen-shoot virus in, in Nigeria 4365
  in Nigeria 4365
Planococcus citri
  control of, insecticides for 216, 3211, 4471
  Corynebacterium dactylopii in 1683
  food-plants of 546
  in Bulgaria 216
  in South Africa 541
  in South Korea 2651
  in Spain 3211, 4311
  in Turkey 4469–4471
  in USSR 546
  mycetome in 1683
  on *Citrus,* in Spain 4311
  on fig, in Turkmenia 546
  on grape vine
    in Turkey 4469–4471
    in Turkmenia 546
  on grapefruit, in Spain 3211
  on ornamental plants, in Bulgaria 216
  on pomegranate, in Turkmenia 546
Planococcus kenyae
  in Kenya 3650
  on coffee, in Kenya 3650
  preyed on by, *Cryptolaemus montrouzier* and biological control using, in Kenya 3650
Planococcus kraunhiae
  in Japan 1014–1015
  in South Korea 2651
  on *Diospyros kaki,* in Japan 1015
  parasitised by
    Allotropa subclavata
      and biological control using 1015
      in Japan 1014
    Anagyrus spp., in Japan 1015

- ***nococcus vitis,*** biology of 67
- **nt-arthropod interactions** 4673
- **nt protection** 3604
  - ibliography of 254–255
  - nternational aspects of 3595
- **ntaced,** in *Pemphigus bursarius,* effects of 2479–2480
- ***ntaginea, Dysaphis***
- ***ntago major***
  - *Athalia cordata* on, in Bulgaria 487
  - erbicides in, effects of insecticides on metabolism of 1218
- **ntain** (see *Plantago major*)
- ***num, Aphelosoma***
- ***tana, Empoa***
- ***tanoides, Drepanosiphum***
- ***tanus,*** *Cenopalpus pulcher* on, in Iran 3192
- ***tanus occidentalis***
  - *Corythucha ciliata* on, in Illinois 4836
  - *Empoa platana* on, in Illinois 4836
  - *Empoasca fabae* on, in Illinois 4836
  - *Erythroneura lawsoni* on, in Illinois 4836
  - *Plagiognathus albatus* on, in Illinois 4836
- ***thypena scabra***
  - iology of 148
  - ontrol of
    - *Bacillus thuringiensis* for 1489
    - insecticides for 1489, 4794
  - granulosis virus in, and biological control using 1489
  - n USA 148, 1489, 4794
  - n lucerne, in Iowa 148
  - n soy bean
    - in Alabama 4794
    - in Florida 4794
    - in Georgia (USA) 4794
    - in Iowa 148, 1489
    - in South Carolina 4794
  - arasites of, in Iowa 148
  - athogens of, in Iowa 148
  - redators of, in Iowa 148
- ***tura, Hylemya,*** (*Delia*)
- ***tyedra gossypiella*** (see *Pectinophora*)
- ***tygaster oryzae***
  - n Bangladesh 3699
  - arasitising, *Pachydiplosis oryzae,* in Bangladesh 3699
- ***tymeris laevicollis,*** preying on, *Thosea sinensis* 4144
- ***tynota idaeusalis***
  - ontrol of
    - attractants for 1467
    - insecticides for 566, 1899
    - traps for 1467
  - n USA 566, 1467, 1899
  - n apple, in Pennsylvania 566, 1467, 1899
- ***tynota stultana***
  - ead-capsule width in 2633
- ***Platynota stultana*** *contd.*
  - instar number in 2633
- ***Platypalpus notatus***
  - in UK 4720
  - preying on, *Macrosteles ossiannilssoni,* in Scotland 4720
- ***Platypeplus aprobola***
  - biology of 1909
  - in India 1909
  - on *Litchi chinensis*
    - damage caused by 1909
    - in Bihar 1909
- **Platypodidae**
  - in California 2255
  - in Italy, in imported timber 2890
- ***Platyptilia,*** on *Striga,* in East Africa 5076
- ***Platypus calamus,*** mycetangia in 4563
- ***Platypus severini,*** mycetangia in 4563
- ***Platyscelis striata***
  - in USSR 2702
  - on *Papaver somniferum,* in Kirghizia 2702
- ***Platysma vulgaris*** (see *Pterostichus*)
- ***Platytelenomus,*** in Ukraine 4047
- ***plebeius, Nysius***
- ***plebeja, Euscelis***
- ***Plectrophorus incertus***
  - in Brazil 1950
  - on cacao, in Brazil 1950
- ***Plegaderus vulneratus,*** in USSR 3955
- ***Pleioblastus,*** *Odonaspis secreta* on, in Georgia (USSR) 1530
- ***Pleistophora schubergi,*** in, *Hyphantria cunea,* pathogenicity of 3339
- ***Plemeliella abietina***
  - in Czechoslovakia 5192
  - on *Picea abies,* in Czechoslovakia 5192
- ***Pleocyta sacchari,*** in, sugar-cane, effects on weevil resistance of 4736
- ***Pleotrichophorus***
  - in North America 4557
  - taxonomy of 4557
- ***pleurostigma, Ceutorhynchus***
- ***plexippus, Danaus***
- **Plictran** (*see* Stannane, tricyclohexylhydroxy-)
  - 2924
  - 2985
  - 3370
  - 3982
  - 4464
  - 4468
  - 5129
  - 5174
- ***plocamaphidis, Remaudierea***
- ***Plodia interpunctella***
  - antigenic properties of 3624
  - biology of 2878, 3298
  - calling behaviour in, relation of sex pheromone and 1698
  - compound eyes in, spectral responses of 5032

***Plodia interpunctella** contd.*
  control of
    fumigants for 1987, 4493, 5150
    insecticides for 2405, 4493
    γ-irradiation for 1554, 2080, 5210
    juvenile hormone analogues for 2873
  cuticle deposition in, effects of ecdysone analogues on 2994
  development in, effects of low-frequency sound on 5033
  diapause in, effects of photoperiod on 3022
  eclosion in 3525
  egg-hatch in, effects of CO_2 on 4936
  fecundity in, effects of CO_2 on 5022
  feeding behaviour in 371
  granulosis virus in 3330
    development of infection with 3897
    infectivity of 3337
    pathogenicity of 4428
  in Bulgaria 3188
  in Iran 2878
  in Turkey 4487, 4493
  in USA 2875
  in *Hibiscus cannabinus* seeds, unable to develop 2425
  in stored almonds, in Bulgaria 3188
  in stored hazel nuts, in Turkey 4493
  in stored maize, in Turkey 4487
  life history of 4493
  malathion resistance in, in USA 2875
  mandibular gland secretion in 5012
  mating in, relation of sex pheromone and 1698
  melanism in 3012
  Nosema heterosporum in, effects of 2008
  N. invadens in, infectivity of 5224
  N. plodiae in, transovarial transmission of 5220
  parasitised by
    Bracon hebetor 4713
      in Iran 2878
      in Turkey 4493
  pheromone inhibitor in 4577
  preyed on by
    Oryzaephilus surinamensis 3534
    Tribolium castaneum 1633, 2524
    Xylocoris flavipes 2265, 4713
  pupae of, haemolymph proteins in 1289
  pyrethrins resistance in, in USA 2875
  rearing of, techniques for 1778
  reproductive potential in, effects of continuous light on 357
  sex pheromone of 407
    effects of isomers on responses to 4028
    methods for obtaining 1794
  spermatozoa in, effects of γ-irradiation on 3494
  testes in, effects of γ-irradiation on 3495
plorans, Eyprepocnemis
ploribunda, Chrysopa
Plum
  Anarsia lineatella on, in Georgia (USSR) 4300
  Aphis pomi on, in Norway 5127
  Brachycaudus cardui on, in Norway 5127
  B. helichrysi on
    in Norway 5127
    in UK 571
  Carposina sasakii on, in Maritime Province 5123
  Cydia funebrana on
    in Hungary 1903
    in Maritime Province 5123
    in USSR 175, 569
  Enarmonia formosana on, in West Germany 1470
  Eulecanium bituberculatum on, in USSR 5121
  E. prunastri on, in Poland 570
  Galecron in, residues of 2947–2948
  Hoplocampa minuta on, in Romania 3728
  Hyalopterus pruni on
    in Norway 5127
    in UK 571
  Hyphantria cunea on, in Romania 156
  Macchiademus diplopterus on, in South Africa 4248
  Myzus humuli on
    in Norway 5127
    in Switzerland 3190
    in UK 571
  M. persicae on, in Norway 5127
  Operophtera bruceata on, in British Columbia 3726
  Panonychus ulmi on, in UK 3193
  Perotis lugubris on, in Romania 1081
  Rhopalosiphum padi on, in Switzerland 3190
  Stigmella plagicolella on, in Netherlands 2331
  Tetranychus urticae on, in UK 3193
  Yponomeuta padellus on, in France 4772
Plum fruit moth (see *Cydia funebrana*)
Plum, myrobalan (see *Prunus cerasifera*)
Plum pox virus
  in
    Brachycaudus cardui, transmission of 1569
    B. helichrysi, transmission of 1569
    Myzus humuli, transmission of 1569
    M. persicae, transmission of 1569
plumbeus, Dasytes
plumbifimbriella, Agriphila
plumicornis, Hypocala
plumifer, Phytoseius
plumigera, Kleemannia
plumosa, Kleemannia
Plusia
  in Spain 941

usia *contd.*
on soy bean, in New South Wales 4337
on wheat, in Rhodesia 4742
usia acuta
n Mozambique 3217
on banana, in Mozambique 3217
usia californica
attraction of 341
n USA 4892
nuclear polyhedrosis virus in 2037, 2909, 3885
  effects of 4892
  in Arizona 4892
  infectivity of 740, 4423
usia chalcites
biology of 3092
control of, insecticides for 2353
n Egypt 3092
n Philippines 2353
on *Phaseolus vulgaris,* in Philippines 2353
on tomato, in Egypt 3092
usia gamma (see *Autographa*)
usia nigrisigna (see *Autographa*)
usia orichalcea
n India 2816
on sugar-beet, in Rajasthan 2816
usiinae, reproductive isolation in 341
utella maculipennis (see *P. xylostella*)
utella xylostella
control of
  Bacillus thuringiensis for 1112, 1481, 1910, 5139, 5141, 5143
  crop management for 598
  insecticides for 195, 598, 1112, 1481, 1910, 2805, 2807, 5139, 5141, 5143
emergence in 378
hyperparasites of, in North Carolina 5059
in Australia 2805
in Chile 2800
in Ethiopia 1827
in Japan 378
in Malaysia 1910
in Mexico 5141
in Netherlands 195
in Philippines 2807
in Singapore 1112
in Taiwan 1011
in UK 3221
in USA 1481, 2909, 5059, 5143
in USSR 598, 3954, 5139
juvenile hormone analogues in, activity of 2562
mating in 378
nuclear polyhedrosis virus in 2909
  effects of 4892
on *Brassica alboglabra,* in Singapore 1112
on brussels sprouts, in Netherlands 195
on cabbage
  in Georgia (USA) 5143

Plutella xylostella *contd.*
  on cabbage *contd.*
    in Malaysia 1910
    in Mexico 5141
    in North Carolina 5059
    in Philippines 2807
    in USSR 598, 5139
  on Chinese cabbage, in Singapore 1112
  on kale, in Alabama 1481
  on radish, in Ethiopia 1827
  on rape
    in Ethiopia 1827
    in Western Australia 2805
  oviposition in 378
  parasitised by
    Apanteles plutellae, in Taiwan 1011
    Ichneumonidae, in USSR 5139
    Nythobia cerophaga, in Lithuania 3954
    N. fenestralis, in Lithuania 3954
    N. insularis, in North Carolina 5059
    Trichogrammatoidea armigera 2663
  turnip yellow mosaic virus in, not transmitted 3867
plutellae, Apanteles
plutus, Pantorhytes
pluviale, Malacosoma californicum
Pnigalio mediterraneus
  in Italy 1396, 2786
  parasitising, *Dacus oleae,* in Italy 1396, 2786
Poa annua
  Hyperodes anthracinus on, in Connecticut 2303
  H. maculicollis on, in Connecticut 2303
  Schistocerca gregaria on 984
Poa pratensis, Oscinella frit on, in Denmark 2749
Poaceae, *Canephora unicolor* on, in Italy 4728
Podacanthus wilkinsoni
  in Australia 4378
  on *Eucalyptus,* in Australia 4378
  outbreaks of 4378
Podagrica
  control of, insecticides for 1522
  on cotton, varietal preferences of 1522
  on *Urena lobata,* assessing infestations of 4809
Podagrica dilecta, on cotton, varietal preferences of 4364
Podagrica puncticollis
  control of, insecticides for 1136
  in Sudan 1136
  on cotton, in Sudan 1136
Podagrica sjostedti
  in Sierra Leone 4809
  on *Urena lobata,* in Sierra Leone 4809
Podagrica uniformis
  in Nigeria 1522
  in Sierra Leone 4809
  on cotton, in Nigeria 1522

Podagrica uniformis *contd.*
  on *Urena lobata,* in Sierra Leone 4809
podanus, Archips, (*Cacoecia*)
Podisus acutissimus
  in Mexico 4617
  in USA 4617
  plant feeding in 4617
Podisus maculiventris
  preying on
    Dendrolimus spectabilis 3643
    Hyphantria cunea 3643
Podisus modestus
  in USA 683
  preying on, *Epinotia aceriella,* in New York 683
podocarpi, Gonometa
Poecilips rhizophorae
  in USA 2593
  on *Rhizophora mangle,* in Florida 2593
  taxonomy of 2593
Poecilonota variolosa
  in Italy 3818
  on *Populus,* in Italy 3818
poecilus, Oebalus
Poekilocerus pictus
  assimilation in 910
  food consumption in 910
  geotaxis in 3528
  insecticides in, effects of 4951
poesia, Pimpla (see *Coccygomimus laothoe*)
Pogonognathellus flavescens, in Netherlands 3615
Pogonomyrmex badius
  foraging behaviour in 2243
  in USA 2243, 2696
  tool using behaviour in 2696
Pogonomyrmex barbatus barbatus, Dufour's gland in, secretion of 3108
Pogonomyrmex barbatus rugosus, Dufour's gland in, secretion of 3108
Pogonomyrmex rugosus (see *P. barbatus rugosus*)
Poinsettia (see *Euphorbia pulcherrima*)
Poland
  Amphorophora lactucae in, natural enemies of 462
  Anthonomus piri in, on pear 568
  A. pomorum in, on apple 560
  Apamea sordens in
    on rye 3581
    on wheat 3581
  aphids in 450
    natural enemies of 1001
  Aphis fabae in, on potato 1126
  A. frangulae in, on potato 1126
  A. nasturtii in, on potato 1126
  A. pomi in, natural enemies of 462
  Bembidiinae in 4057
  Brevicoryne brassicae in
    natural enemies of 3580
    on cabbage 3580
  Ceutorhynchus spp. in, on rape 634–635
Poland *contd.*
  Ceutorhynchus contd.
  C. assimilis in
    natural enemies of 463
    on rape 463
  Chlorops pumilionis in, on wheat 127, 502
  Chrysomelinae in 2974
  Cydia pomonella in, on apple 4296
  Dendrolimus pini in, on *Pinus* 1168
  Diplopoda in 2965
  Dysaphis plantaginea in, natural enemies of 462
  entomology in 1234
  Eucosma conterminana in, on lettuce 1245
  Eulecanium prunastri in, on plum 570
  fruit crops in, pests of 3090
  Galerucinae in 2974
  grain crops in, pests of 3086
  Heteroptera in, on apple 563
  Histeridae in 297
  Hylemya antiqua in, on onion 3575
  H. gnava in, on lettuce 1245
  H. laricicola in
    natural enemies of 688
    on *Larix* 688
  Ibaliidae in 2975
  industrial crops in, pests of 3088
  insect conservation in 2221
  insect migration in 2577
  Lepidoptera in 3047
  Leptinotarsa decemlineata in, on potato 625–628, 1126, 1246, 1248–1250, 3573
  Matsucoccus pini in, on *Pinus* 689
  Meligethes spp. in, on rape 633
  Melolontha spp. in, natural enemies of 461
  Melolonthinae in 3577
  mites in
    in medicinal herbs 727
    on apple 563
  Myrmica spp. in, in meadows 2694
  Myzus persicae in, on potato 1126
  pest control in 1240
  Phyllaphis fagi in, on *Fagus* 684
  Pinus sylvestris in, pests of 4834
  plant pests and diseases in 3583–3584
  plant pests imported into 1251
  plant pests in 1252–1253
  root crops in, pests of 3087
  sawflies in, natural enemies of 4227
  Selatosomus aeneus in 461
  Siricidae in, natural enemies of 685
  Siteroptes spp. in 3172
  Sphaeritidae in 297
  spruce bark-beetles in 819
  Tetranychus urticae in, on cucumber 3572, 3579
  Thrips tabaci in, on tobacco 1244
  Tortricidae in, natural enemies of 1079
  Trechinae in 4057

land *contd.*
  vegetable crops in, pests of 3089
lfosclor (*see* Trichlorphon)
lia, taxonomy of 4044
lianthes tuberosa, *Heliothis armigera* on,
  in Mysore 2663
listes hebraeus (see *P. olivaceus*)
listes metricus
  diapause in 1301
  in USA 1301
listes olivaceus
  in India 2314
  on grape vine, in Madhya Pradesh 2314
lita, Microgaster
llen
  diet component for
    Chrysopa perla 3456
    Hylemya antiqua 4348
llenia rudis, parasitising, *Allolobophora chlorotica* 1852
llination
  of cacao, by insects 651
  of cotton, by *Proxylocopa rufa* 2210
  of *Ficus,* by *Blastophaga* 2649
  of *Litchi chinensis,* by *Apis* 448
  of lucerne
    by honeybees and wild bees 2650
    by *Megachile pacifica* 3638
    by *Megachile rotundata* 1881
    by *Nomia melanderi* 1881
    by *Proxylocopa rufa* 2210
  of mustard, by bees 4323
  of rape, by honeybees 2805
  of sunflower, by *Astylus atromaculatus* 2741
lyacrylonitrile (*see* 2-Propenenitrile, homopolymer)
lyamides, aldicarb slow-release formulations in granules of 3923
olychrosis viteana (see *Paralobesia*)
lychrysus, Chilo, (*Chilotraea*)
lyclar AT (*see* 2-Pyrrolidinone, 1-ethenyl-, homopolymer)
lyctena, Formica
olydesma umbricola
  in Mauritius 5187
  in Réunion 5187
  on *Albizia lebbek,* in Réunion 5187
  on *Pithecellobium dulce,* in Réunion 5187
  parasitised by
    Carcelia evolans, in Réunion 5187
    Trichospilus diatraeae, in Réunion 5187
  taxonomy of 5187
olydrusus cervinus, in USA 4152
olyesters
  aldicarb slow-release formulations in granules of 3923
  termite resistance in wood-plastic composites containing 4409
olyethylene (*see* Ethene, homopolymer)
Polygalacturonase, in *Rhagium inquisitor* 335
Polygonum, Pegomya nigritarsis on 2277
Polygonum coccineum
  Hypera compta on
    in Canada 3531
    in USA 3531
Poly(methyl methacrylate) (*see* 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer)
Polyphagotarsonemus latus
  biology of 1533
  control of 1533
    acaricides for 2839, 5131
  in Australia 4307
  in India 2839
  in Mauritius 214
  in Uganda 4315
  in UK 1533
  in Venezuela 5131
  on avocado, in Queensland 4307
  on *Citrus*
    damage caused by 5131
    in Venezuela 5131
  on jute
    damage caused by 2839
    in India 2839
  on *Passiflora edulis,* in Uganda 4315
  on potato, in Venezuela 5131
  on tea, in Mauritius 214
polyphema, Telea, (*Antheraea*)
Polyphenols (*see* Phenols)
Polyphylla
  control of, insecticides for 4447
  on grape vine, in Turkey 4469
  on potato, in Turkey 4447
Polyphylla fullo
  control of 3577
  in Poland 3577
Polyphylla irrorata
  control of, insecticides for 1023
  in USSR 1023
  on potato, in Kazakhstan 1023
  on sugar-beet, in Kazakhstan 1023
  on wheat, in Kazakhstan 1023
  predators of, in Kazakhstan 1023
Polyprion oxygeneios, DDT in, residues of, in New Zealand 2490
Polyrhachis, in Ethiopian region 316
Polysaccharides, in *Locusta migratoria* eggs 94
Polystes, preying on, *Oulema melanopus,* in Yugoslavia 464
polystichalis, Undulambia
Polystichum adiantiforme, *Undulambia polystichalis* on, in Florida 1146
polystigma, Anthrax
polystigma, Chamaemyia
Polystyrene (*see* Benzene, ethenyl-, homopolymer)
Polyurethane (*see* Carbamic acid, ethyl ester, homopolymer)

- **Poly(vinyl chloride)** (*see* Ethene, chloro-, homopolymer)
- **Poly(vinyl-pyrrolidone)** (*see* 2-Pyrrolidinone, 1-ethenyl-, homopolymer)
- ***pomaria, Typhlocyba***
- **Pomegranate** (*Punica granatum*)
  - *Apogonia ferruginea* on, in Rajasthan 2339
  - *Oligonychus mangiferus* on, in Egypt 3018
  - *Planococcus citri* on, in Turkmenia 546
  - *Tenuipalpus hornotinus* on, in Pakistan 4551
  - *T. lustrabilis* on, in Pakistan 4551
  - *T. placitus* on, in Pakistan 4551
  - *T. punicae* on
    - in Egypt 1891, 1908
    - in Punjab 2788
    - in Spain 190
  - *Virachola livia* on
    - in Egypt 2787
    - in Jordan 4904
- ***pometaria, Alsophila***
- ***pomi, Aphis***
- ***pomi, Tarsonemus***
- ***pomonella, Cydia***
  - (*Carpocapsa*)
  - (*Laspeyresia*)
- ***pomonella, Rhagoletis***
- ***pomorum, Anthonomus***
- ***pomorum, Ephialtes***
- **Ponasterone A** (*see* Cholest-7-en-6-one, 2,3,14,20,22-pentahydroxy-, (2β,3β,5β,22*R*)-)
- ***ponderosae, Dendroctonus***
- ***Pongamia glabra* oil**, synergist for, pyrethrins 2066
- **Pongapin** (*see* 4*H*-Furo[2,3-*h*]-1-benzopyran-4-one, 2-(1,3-benzodioxol-5-yl)-3-methoxy-)
- ***ponticus, Agriotes***
- ***popa, Eupelmus***
- ***Popillia japonica***
  - *Ataenius* milky-disease organism in, infectivity of 4760
  - attractants for 1596, 2497, 3567
  - *Bacillus popilliae* in
    - and biological control using 5211
    - development of infection with 3340
    - effects of 2898
  - biology of 1438, 3106
  - control of 1438
    - insecticides for 258
  - distribution of 3106
  - emergence in 2161
  - in USA 258, 1438, 1798, 2497, 3567
  - not affecting personnel involved in production of pathogens of 3975
  - rearing of, techniques for 4660
  - sterilisation of, γ-irradiation for 1597
  - traps for 1798
    - attraction of bees to 4539
- **Poplar** (see *Populus*)
- **Poplar, desert** (see *Populus euphratica*)
- **Poplar, tulip** (see *Liriodendron tulipifera*)
- **Poplar, yellow** (see *Liriodendron tulipifera*)
- **Poppy, opium** (see *Papaver somniferum*)
- **Population dynamics** 3376–3377, 4673
  - forecasting of 4929
- **Populations**, mathematical models of 384
- ***populi, Chrysomela,*** (*Melasoma*)
- ***populnea, Saperda***
- ***populneus, Agrilus suvorovi***
- ***Populus***
  - Buprestidae on, in Italy 3818
  - *Capnodis miliaris* on, in Iran 2961
  - *Erannis vancouverensis* on, in British Columbia 1947
  - *Gypsonoma aceriana* on, in Yugoslavia 687
  - insects associated with, in Greece 1547
  - *Phalanta phalantha* on, in Nigeria 4389
  - *Pygaera anastomosis* on, in South Korea 1155
  - *Stilpnotia salicis* on
    - in Austria 4847
    - in Yugoslavia 1152
  - *Xylotrechus rusticus* on, in South Korea 1546
- ***Populus alba, Nycteola asiatica*** on, in Iran 2870
- ***Populus canadensis, Proagopertha lucidula*** on, in China 1160
- ***Populus ciliata***
  - *Epipemphigus imaicus* on, in Pakistan 3817
  - *Pemphigus* spp. on, in Pakistan 3817
  - *Phloeomyzus passerinii* on, in Pakistan 3817
- ***Populus deltoides, Chrysomela scripta*** on, in Mississippi 3819
- ***Populus deltoides* × *P. nigra, Phalanta phalantha*** on, in Nigeria 4389
- ***Populus euphratica***
  - *Asiphum* spp. on, in Kazakhstan 2613
  - *Chaitophorus pruinosae* on, in Kazakhstan 2613
  - *Cytospora chrysosperma* in, in Iraq 3825
  - *Lambersaphis pruinosae* on, in Kazakhstan 2613
  - *Melanophila picta* on, in Iraq 3825
- ***Populus euroamericana, Hyphantria cunea*** on, in South Korea 12
- ***Populus fremontii, Malacosoma incurvum*** on, in Utah 1549
- ***Populus italica, Nycteola asiatica*** on, in Iran 2870
- ***Populus nigra***
  - *Cytospora chrysosperma* in, in Iraq 3825
  - *Melanophila picta* on, in Iraq 3825
  - *Pemphigus fuscicornis* on, in Pakistan 3817
- ***Populus nigra* var. *italica*** (see *P. italica*)

- ***pulus simonii**, Proagopertha lucidula* on,
  - in China 1160
- ***ria monticola**,* in wood, effects on termites of 1860
- ***inodes, Anadasmus***
- ***rphyrophora hamelii***
  - biology of 2220
  - n USSR 2220
  - on *Aeluropus littoralis,* in Armenia 2220
  - on *Phragmites communis,* in Armenia 2220
- ***rthesia producta*** (see *Euproctis*)
- ***rthesia xanthorrhoea*** (see *Euproctis*)
- ***rthetria dispar*** (see *Lymantria*)
- ***ticensis, Coelopencyrtus***
- ***rtoricensis, Lachnosterna,*** (*Phyllophaga*)
- **rtugal**
  - *Calepitrimerus vitis* in, on grape vine 949
  - Collembola in 2257
  - *Matsucoccus feytaudi* in, on *Pinus* 3356
  - *Pinus* in, pests of 667
  - Thysanoptera in 2652
- ***rtulaca**, Epicauta aethiops* on, in Sudan 369
- ***stbrunnea, Nupserha bicolor***
- ***stelectrotermes militaris***
  - control of, fumigants for 4367
  - n Sri Lanka 4367
  - on tea, in Sri Lanka 4367
- ***stfasciatus, Euscepes***
- ***stica, Aeneolamia contigua***
- ***stica, Hypera***
- ***stica, Thiacidas***
- ***sticata, Mahanarva***
- ***stvittana, Epiphyas***
- **tassium**
  - diet component for, *Pieris brassicae,* not affecting granulosis infection 3894
  - in chrysanthemum, effects on reproduction of *Tetranychus urticae* of 1532
  - in *Galleria mellonella,* effects of viruses on 244
  - in insects 17
  - in wheat, effects on aphid fecundity of 922
  - ion (K^{1+})
    - in *Heliothis zea* haemolymph 4090
    - in *Periplaneta americana,* permeability of peripheral nerves to 4097
    - in *Schistocerca gregaria,* permeability of peripheral nerves to 4097
- **otassium cyanide,** in pea, aiding penetration of γ-BHC into roots 4010
- **otassium hydroxide**
  - diet component for
    - *Epiphyas postvittana* 4663
    - *Hypera postica* 4661
- **otato** (*Solanum tuberosum*)
  - *Agrotis* spp. on, in Turkey 4447
  - aldrin in, residues of 4962
- **Potato** *contd.*
  - *Anisolabis annulipes* on, development of 3513
  - aphids on
    - in East Germany 1238
    - in India 1127
    - in Romania 1128
  - *Aphis fabae* on
    - in Poland 1126
    - in UK 4347
  - *A. frangulae* on, in Poland 1126
  - *A. nasturtii* on
    - in Maine 3319
    - in Poland 1126
  - arthropods associated with, in Japan 4139
  - *Aulacorthum solani* on, in UK 4347
  - *Bemisia tabaci* on, in Egypt 1526
  - carbofuran in, residues of 2818
  - *Cenopalpus aratus* on, in Pakistan 2979
  - chlordane in, residues of 4021
  - *Ctenicera aeripennis* on, in Alberta 1920
  - dinoseb in, residues of 2820
  - *Empoasca fabae* on, in Egypt 1495, 1526
  - *Epitrix tuberis* on, in British Columbia 2818
  - fensulfothion in, residues of 2818
  - *Halotydeus destructor* on, in Tasmania 1805
  - *Heliothis armigera* on, feeding preferences of 3760
  - *Labidura riparia* on, survival of 5061
  - *Leptinotarsa decemlineata* on
    - damage caused by 4801
    - effects of 3582
    - in Austria 2036
    - in Bulgaria 203
    - in Italy 1496
    - in Lithuania 3952, 3956
    - in Poland 625–628, 1126, 1246, 1248–1250, 3573
    - in Romania 4001
    - in USSR 5005
  - *Limonius californicus* on, in Alberta 1920
  - *Liriomyza sativae* on, in Cuba 1204
  - *Macrosiphum euphorbiae* on
    - effects of 4800
    - in Maine 3319
    - in New South Wales 4192
    - in UK 4347, 4800
    - in West Germany 206
  - *Macrosteles fascifrons* on, in Washington 1323
  - *Manduca sexta* on, in Kentucky 3655
  - *Myzus persicae* on
    - in Brazil 5152
    - in Egypt 1495, 1526
    - in Maine 3319
    - in Poland 1126
    - in UK 4347
    - in West Germany 206

Potato *contd.*
  Pegomya hyoscyami on, in West Germany 205
  pests of
    in Turkey 4443
    in Ukraine 44
  Phthorimaea operculella on
    in Bombay 4346
    in Costa Rica 3239
    in Egypt 1495, 1526, 2819, 3238
    in Greece 2359
    in Jordan 4902
    in South Africa 998
    in Western Australia 2912
  Polyphagotarsonemus latus on, in Venezuela 5131
  Polyphylla spp. on, in Turkey 4447
  P. irrorata on, in Kazakhstan 1023
  potato leaf-roll virus in, in UK 4347
  Scrobipalpopsis solanivora on
    in Costa Rica 3239
    in Panama 3239
  Spodoptera exigua on, in South Africa 998
  S. littoralis on, in Cyprus 2197, 5164
  Thrips tabaci on, in Egypt 1495, 1526
  Trioza nigricornis on, in Romania 1128
Potato aucuba mosaic virus, in, *Myzus persicae,* transmission of 4866
Potato extract, *Spodoptera littoralis* feeding responses to 4674
Potato fields, aphids in, in Romania 1128
Potato leaf roll virus
  control of 204
  in
    Myzus persicae, transmission of 5215–5216
    potato
      in India 1127
      in UK 4347
Potato mosaic virus, in, potato, in India 1127
Potato (stored tubers)
  arsenic in, residues of 808
  chlordane in, effects of home processing on residues of 1642
  pesticides in, effects of processing on residues of 1640
  pests of, in Egypt 1526
  Phthorimaea operculella in, in Egypt 2819
  Rhizoglyphus echinopus in, in India 938
Potato, sweet (*see* Sweet potato)
Potato virus Y, in, *Myzus persicae,* transmission of 4866
Potentilla fruticosa, *Acyrthosiphon assiniboinensis* on, in Manitoba 315
potentillae, Amblyseius, (*Typhlodromus*)
Potosia cuprea, *Metarhizium anisopliae* in, infectivity of 2430
PP-211 (*see* Pirimiphos-ethyl)
PP-484 (*see* Phosphorothioic acid, *O*-[2-(acetylethylamino)-6-methyl-4-pyrimidinyl] *O,O*-diethyl ester) 3754
PP-511 (*see* Pirimiphos-methyl)
PP-675 (*see* 4-Pyrimidinol, 5-butyl-2-(dimethylamino)-6-methyl-)
praepotens, Apanteles
praetiosa, Bryobia
Prairie (*see* Grassland)
Praon, parasitising, *Acyrthosiphon pisum,* i France 4763
Praon barbatum
  in Czechoslovakia 924
  parasitising, *Acyrthosiphon pisum,* in Czechoslovakia 924
Praon cavariellae
  sp. n., description of 1255
  in France 1255
Praon exsoletum
  in Canada 2668
  parasitising, *Therioaphis riehmi,* in Britis Columbia 2668
Praon exsoletum palitans (see *P. exsoletu*
Praon flavicorne
  sp. n., description of 1255
  in France 1255, 1392
  parasitised by
    Asaphes suspensus, in France 1392
    Bothrioxysta spp., in France 1392
  parasitising, *Capitophorus horni,* in France 1392
Praon minor
  sp. n., description of 1255
  in France 1255
Praon myzophagum
  in India 3122
  parasitising, *Myzus persicae,* in West Bengal 3122
Praon volucre
  in Argentina 1198
  in Czechoslovakia 1004
  in Iraq 921
  in UK 3133
  parasitising
    Acyrthosiphon pisum, in Argentina 1198
    aphids, in UK 3133
    Hyalopterus pruni, in Iraq 921
    Impatientinum asiaticum, in Czechoslovakia 1004
prasinana, Bena, (*Hylophila*)
prasinum, Aulacorthum solani
pratensis, Formica (see *F. nigricans*)
pratensis, Oligonychus
pratti, Neodiprion
Pratylenchus, control of, nematicides for 5243
Pratylenchus penetrans
  control of, nematicides for 3731
  in, apple, in Ontario 3731

ys citri
  traction of 2565
  ntrol of
    Bacillus thuringiensis for 3753
    insecticides for 3753
  Israel 2565
  Spain 941, 3753
  n lemon, in Spain 3753
ys oleae
  ology of 4312
  ntrol of
    Bacillus thuringiensis for 5133
    insecticides for 1103–1104, 3216
  yperparasitised by, *Pediobius routensis,*
    in Lebanon 4312
  Greece 5133
  Lebanon 4312
  Spain 1103–1104, 3095, 3216
  n olive
    in Greece 5133
    in Lebanon 4312
    in Spain 1103–1104, 3095, 3216
  arasitised by
    Ageniaspis fuscicollis, in Lebanon 4312
    Chelonus elaeaphilus, in Lebanon 4312
    Elasmus flabellatus, in Lebanon 4312
ys oleellus (see *P. oleae*)
ysincola, Ageniaspis fuscicollis
paration 6607 (*see* Phosphoramidic acid, (1-methylethyl)-, methyl 4-nitrophenyl ester)
  627
thylen (*see* Galecron)

tiosa, Hungariella
tiosum, Trichogramma
micid (*see* Pirimiphos-ethyl)
midophos (*see* Phosphorothioic acid, *O*-[2-(acetylethylamino)-6-methyl-4-pyrimidinyl] *O,O*-diethyl ester)
nce Edward Island
  Coleophora serratella in, on *Betula* 4051
  enusa pusilla in, on *Betula* 4051
oninae, in Europe 4839
onoplus reticularis
  atty acids in, related to flavour and food source 2856
  n New Zealand 2856
  n *Pinus radiata,* in New Zealand 2856
ionoxystus robiniae
  n USA 4831
  arval development in 3458
  mating behaviour in 911
  n *Quercus,* in USA 4831
istiphora abietina
  control of, *Bacillus thuringiensis* for 4847
  n Austria 4847
  n USSR 3947
  n *Pinus,* in Austria 4847
***Pristiphora abietina* contd.**
  predators of, in Lithuania 3947
Pristiphora erichsonii
  hyperparasitised by, *Mesochorus dimidiatus,* in central Europe 5068
  in Austria 5068
  in Canada 459, 2386, 3278
  in West Germany 5068
  natural enemies of 2871
  parasitised by
    Bessa harveyi
      in Manitoba 459
      in North America 2098
    Mesoleius aulicus, in central Europe 5068
    Olesicampe benefactor, in central Europe 5068
  preyed on by
    Formica aquilonia, in central Europe 5068
    F. lugubris, in central Europe 5068
    F. polyctena, in central Europe 5068
    Picromerus bidens, in central Europe 5068
Pristiphora pallidula, on *Larix,* in Europe 1534
Pristomerus vulnerator
  in Denmark 1165
  in USSR 4770
  in Yugoslavia 687
  parasitising
    Cydia pomonella, in Moldavia 4770
    Gypsonoma aceriana, in Yugoslavia 687
    Rhyacionia buoliana, in Denmark 1165
Pristomyrmex pungens
  in Japan 575
  on orange, interfering with predators of aphids 575
Privet (see *Ligustrum*)
Proagopertha lucidula
  biology of 1160
  in China 1160
  on *Populus canadensis,* in China 1160
  on *Populus simonii,* in China 1160
  on *Pyrus,* in China 1160
  on *Salix flavida,* in China 1160
  on *Salix matsudana,* in China 1160
Proceras sacchariphagus (see *Chilo*)
Proceras venosatus (see *Chilo sacchariphagus*)
processionea, Thaumetopoea
proclia, Aphytis
Proclonol (*see* Benzenemethanol, 4-chloro-α-(4-chlorophenyl)-α-cyclopropyl-) 2487
Procollina biolleyi
  Entomophthora echinospora in, in Costa Rica 4413
  in Costa Rica 4413
Procris, in Afghanistan 403

- ***Proctolaelaps hypudaei,*** in West Germany 1828
- **Prodan** (*see* Silicate(2–), hexafluoro-, disodium)
- ***Prodecatoma cooki***
  - in Venezuela 5118
  - on grape vine
    - damage caused by 5118
    - in Venezuela 5118
- ***Prodenia eridania*** (see *Spodoptera*)
- ***Prodenia litura*** (see *Spodoptera*)
- ***Prodenia litura* auct.** (see *Spodoptera littoralis*)
- ***producta, Euproctis,*** (*Porthesia*)
- ***prognatha, Spilonota***
- ***proletella, Aleyrodes***
- ***Proleurocerus,*** taxonomy of, *Arachnosinis* as synonym of 851
- ***Proleurocerus fulgoridis***
  - in India 851
  - parasitising, *Eurybrachys tomentosa,* in India 851
  - taxonomy of, characters distinguishing *P. zululandiae* and 851
- ***Proleurocerus zululandiae,*** taxonomy of, characters distinguishing *P. fulgoridis* and 851
- **L-proline**
  - in *Aphis fabae*
    - alate formation induced in absence of 2988
    - dietary requirement for 2988
  - in *Dysdercus fasciatus,* dietary requirement for 3001
  - in *Periplaneta americana,* effects of insecticides on 2943
- ***prolixus, Rhodnius***
- **Promecarb** (3-methyl-5-(1-methylethyl)phenyl methylcarbamate)
  - against
    - *Azochis gripusalis* 573
    - *Ceratitis capitata* 2933
    - *Curculio nucum* 4479
    - *Drosophila melanogaster* 2933
    - *Heliothis armigera* 2815
    - *Phytomyza horticola* 2815
    - *Sahlbergella singularis* 1224
    - *Thaumetopoea solitaria* 4481
  - determination of 4642
- ***Promecotheca papuana***
  - in Papua New Guinea 4144
  - on coconut, in New Britain 4144
- ***Pronematus staerki***
  - descriptions of 5116
  - in West Germany 5116
  - preying on, *Calepitrimerus vitis,* in West Germany 5116
- ***Pronematus ubiquitus***
  - in Egypt 1891
  - preying on, Tenuipalpidae, in Egypt 1891
- ***Pronemorilla mima***
  - in Venezuela 1010
  - parasitising, *Spodoptera frugiperda,* in Venezuela 1010
- ***pronuba, Noctua***
- ***pronubana, Cacoecimorpha,*** (*Cacoecia*)
- **Propanal, 2-methyl-2-(methylsulfinyl)-** *O*-[(methylamino)carbonyl]oxime
  - in apples, residues of 1639
  - in cotton seeds, residues of 1639
  - in pears, residues of 1639
  - in sugar-beets, residues of 1639
- **Propanal, 2-methyl-2-(methylsulfonyl)-** *O*-[(methylamino)carbonyl]oxime
  - in apples, residues of 1639
  - in cotton, aldicarb product 4964
  - in cotton seeds, residues of 1639
  - in fowls, elimination of 273
  - in pears, residues of 1639
  - in soil, aldicarb product 4964
  - in sugar-beets, residues of 1639
- **Propanal, 2-methyl-2-(methylthio)-, *O*-**[(methylamino)carbonyl]oxime (*see* Aldicarb)
- **Propanamide, *N*-(3,4-dichlorophenyl)-**
  - in plants
    - effects of insecticides on metabolism o 1218
    - effects on insecticide metabolism of 1219
- **1-Propanaminium, 3-carboxy-2-hydroxy-*N,N,N*-trimethyl-**
  - hydroxide, inner salt (carnitine)
    - in *Trogoderma granarium,* as substitut for choline 2545
- **1-Propanaminium, 3-carboxy-*N,N,N*-trimethyl-**
  - hydroxide, inner salt (γ-butyrobetaine)
    - in *Trogoderma granarium,* as substitut for choline 2545
- **Propane, 1,2-dichloro-,** with 1,3-dichloro-1-propene, thrips damage to wheat following soil treatment with 3612
- **Propane, 1,1,2,2,3-pentachloro-1,3,3-trifluoro-**
  - against
    - *Attagenus megatoma* 4939
    - *Lasioderma serricorne* 4939
    - *Tribolium confusum* 4939
- **Propane, 1,2,2,3-tetrachloro-1,1,3,3-tetrafluoro-**
  - against
    - *Attagenus megatoma* 4939
    - *Lasioderma serricorne* 4939
    - *Tribolium confusum* 4939
- **Propanedinitrile, [[[3,5-bis(trifluoromethyl)phenyl]ethylamino]methylene]-**
  - against
    - *Anthonomus grandis* 771
    - *Heliothis virescens* 771
    - *Spodoptera eridania* 771

panedinitrile, [[[3,5-is(trifluoromethyl)phenyl]ethylamino]methylene]- *contd.*
gainst *contd.*
  Spodoptera *contd.*
    S. frugiperda 771
  Tetranychus urticae 771
panedinitrile, [[(3,4-dichlorophenyl)amino]methylene]-
gainst
  Anthonomus grandis 771
  Heliothis virescens 771
  Spodoptera eridania 771
    S. frugiperda 771
  Tetranychus urticae 771
panedinitrile, [[(3,5-dichlorophenyl)(1-methylethyl)amino]methylene]-
gainst
  Anthonomus grandis 771
  Heliothis virescens 771
  Spodoptera eridania 771
    S. frugiperda 771
  Tetranychus urticae 771
3-Propanetriol (glycerol)
 locusts, not connected with pre-conditioning lowering of supercooling point 3628
 Malacosoma americanum, role in coldhardiness of 4125
 Pterostichus brevicornis haemolymph, relation of freezing-point and 365
iacetate, oviposition inducer for *Heliothis zea* 2044
panil (*see* Propanamide, *N*-(3,4-dichlorophenyl)-)
 1218
 1219
panoic acid
-phenylethyl ester
  with heptyl 2-methylbutanoate, and 2-methoxy-4-(2-propenyl)phenol, attractant for, *Popillia japonica* 2497
  with 2-methoxy-4-(2-propenyl)phenol, attractant for, *Popillia japonica* 2497, 3567
odium salt, against, *Tribolium confusum* 267
panoic acid, 2-amino-, (*S*)- (*see* L-Alanine)
panoic acid, 2-amino-3-hydroxy-, (*S*)- (*see* L-Serine)
panoic acid, 2-amino-3-mercapto-, (*R*)- (*see* L-Cysteine)
panoic acid, 2-(4-chlorophenoxy)-2-methyl-, ethyl ester, in *Dermestes maculatus,* effects on fecundity and growth of 5004
panoic acid, 2,2-dichloro-
odium salt
  in *Amblyseius fallacis,* toxicity of 2327

Propanoic acid, 2,2-dichloro- *contd.*
 sodium salt *contd.*
  in *Tetranychus urticae,* toxicity of 2327
Propanoic acid, 2,2-dimethyl-
 3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester
  acaricidal activity of 270
  against, *Tetranychus urticae* 270
  mammalian toxicity of 270
  phytotoxicity of 270
Propanoic acid, 3,3′-dithiobis[2-amino-, [*R*-(*R,*R**)]-** (*see* L-Cystine)
Propanoic acid, 2-oxo-, in *Popillia japonica,* effects of *Bacillus popilliae* on oxidation of 2898
1-Propanol, with guanidine hydrochloride, solvent for *Trichoplusia ni* granulosis virus capsule 2005
1-Propanone, 1-[2-(β-D-glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-
 Acyrthosiphon pisum responses to 375
 Aphis pomi responses to 375
 Rhopalosiphum insertum responses to 375
2-Propanone
 aminocarb in, stability of 3987
 as solvent for timber preservatives 4407
 Zectran in, stability of 3987
Propargite (*see* Sulfurous acid, 2-[4-(1,1-dimethylethyl)phenoxy]cyclohexyl 2-propynyl ester)
2-Propenenitrile
 against, *Tribolium castaneum* 2056
 homopolymer, termite resistance in wood-plastic composites containing 4409
 polymer with ethenylbenzene, termite resistance in wood-plastic composites containing 4409
1-Propene, 1,3-dichloro-, with 1,2-dichloropropane, thrips damage to wheat following soil treatment with 3612
1-Propene, 3-isothiocyanato-, attractant for, *Hylemya floralis* 2573
2-Propenoic acid, 3-(3,4-dihydroxyphenyl)-, in *Citrus,* effects on mites of 3744
2-Propenoic acid, 3-(2-hydroxyphenyl)-, *Ceratomegilla maculata* oviposition responses to 914
2-Propenoic acid, 3-(4-hydroxyphenyl)-, in *Citrus,* effects on mites of 3744
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer, termite resistance in wood-plastic composites containing 4409
propepusilla, Liriomyza
***propinqua, Toya,* (*Delphacodes*)**
Propionic acid (*see* Propanoic acid)
Propoxur (2-(1-methylethoxy)phenyl methylcarbamate)

Propoxur *contd.*
- against
  - *Acarus siro* 1977
  - *Aphis gossypii* 4308
  - *Azochis gripusalis* 573
  - *Blissus leucopterus* 143
  - *Leptinotarsa decemlineata* 203, 3571, 3573
  - mole-crickets 2249
  - *Nephotettix cincticeps* 1200, 3483
  - *Paradesmus gracilis* 2229
  - *Rhizoecus cacticans* 1147
  - *Tyrophagus putrescentiae* 1977
- in *Phaseolus vulgaris*
  - effects of 1117
  - toxicity of 3232
- in soy bean, effects of 4339
- resistance to, in, *Laodelphax striatella* 3484
- with *Paecilomyces farinosus,* against, *Leptinotarsa decemlineata* 3571

Proprioseiopsis dorsatus (see *Amblyseius*)

Propylea japonica, biology of 4725

Propylea quatuordecimpunctata
- in UK 3133
- in USSR 1000
- preying on, aphids, in UK 3133

Prosactogaster oebalus
- in Turkey 5119
- parasitising, *Mikomyia coryli,* in Turkey 5119

Prosapia bicincta
- in USA 4707
- preyed on by, *Sturnella magna,* in USA 4707

Prosierola bicarinata
- maternal care in 113
- parasitising, *Desmia funeralis* 113

Prosopis glandulosa, *Oncideres rhodosticta* on, in Texas 715

Prospaltella, parasitising, *Nuculaspis californica,* in USA 3820

Prospaltella berlesei
- in Turkey 4459
- in USA 2333
- parasitising
  - *Pseudaulacaspis pentagona*
    - and biological control using, in USSR 1883
    - in Virginia 2333

Prospaltella elongata
- acaricides in, toxicity of 278
- in USA 278

Prospaltella fasciata
- acaricides in, toxicity of 278
- in USA 278

Prospaltella inquirenda
- in Israel 3745
- parasitising, *Parlatoria pergandii,* in Israel 3745

Prospaltella leucaspidis
- biology of 701

Prospaltella leucaspidis *contd.*
- in Italy 701
- parasitising, *Leucaspis pusilla,* in Italy 701

Prospaltella perniciosi, parasitising, *Quadraspidiotus perniciosus,* and biological control using, in USSR 1883

Prostephanus truncatus, control of, insecticides for 2030

Protaetia alboguttata
- in India 2224
- on maize, in Rajasthan 2224
- on *Pennisetum typhoides,* in Rajasthan 2224
- on sorghum, in Rajasthan 2224

Protaetia aurichalcea
- in India 2224
- on maize, in Rajasthan 2224
- on *Pennisetum typhoides,* in Rajasthan 2224
- on sorghum, in Rajasthan 2224

Protaetia maculata (see *P. aurichalcea*)

Protaphelinus nikolskajae
- in India 1256
- in Pakistan 3817
- parasitising
  - *Epipemphigus imaicus,* in Pakistan 3817
  - *Pemphigus* spp.
    - in India 1256
    - in Pakistan 3817

Protaphis elatior
- in USSR 1110
- on *Artemisia absinthium,* in Turkmenia 1110

Protein hydrolysate
- bait-spray component for
  - *Anastrepha fraterculus* 5107
  - *Ceratitis capitata* 5107
    - not attractive to parasites 4989
  - *Dacus oleae* 1102, 3757, 5134
    - not attractive to parasites 4989
  - *D. tryoni* 2456
  - *Rhagoletis cerasi* 3740
  - *R. fausta* 2332
  - *R. indifferens* 4654
  - *Toxotrypana curvicauda* 5137

Proteinase
- in *Agrotis segetum,* effects of sodium fluoride on 4524
- in *Beauveria bassiana,* aiding penetration of insect cuticle 1188
- in *Dermestes lardarius* 2872
- in *Dysdercus fasciatus* mid-gut 1292
- in *Ephestia kuehniella,* during embryogenesis 4570
- in *Galleria mellonella,* degrading larval cuticle 1188
- in *Lymantria dispar,* effects of insecticides on 346
- in *Malacosoma neustria,* effects of insecticides on 346

teinase *contd.*
Mamestra brassicae
activity pattern of 5223
effects of insecticides on 346
effects of *Nosema* infection on 4081
Samia ricini gut secretions, lysing *Bacillus thuringiensis* toxin crystals 5212
Solenopsis richteri, localisation of 332
teins
Gilpinia hercyniae diet, utilisation of 3824
Heliothis zea, Bacillus thuringiensis β-exotoxin inhibiting synthesis of 3341
Heliothis zea haemolymph 4090
maize, effects of insecticide-fertilizer mixtures on 2042
Manduca sexta haemolymph and cuticle 2997
Manduca sexta larval haemolymph 3480
Tenebrio molitor mid-gut, formation of crystals of 3478
Trichoplusia ni, Bacillus thuringiensis β-exotoxin inhibiting synthesis of 3338
tenor, Papilio
tentus, Scambus
teus, Urbanus
teus vulgaris, in, *Piophila casei*, effects of 3295
thoate (*O,O*-diethyl *S*-[2-[(1-methylethyl)amino]-2-oxoethyl] phosphorodithioate)
gainst, *Tetranychus urticae* 4198
technical products, determination of 2188
tocatechuic acid (*see* Benzoic acid, 3,4-dihydroxy-)
tolithocolletidis, Chrysocharis
toschinia scutosa, in Israel 5040
tozoa, in, insects 3333
xima, Apogonia
xima, Athalia lugens
xylocopa rufa
USSR 2210
ollinating
cotton, in Uzbekistan 2210
lucerne, in Uzbekistan 2210
inosa, Sericesthis
inosae, Chaitophorus
inosae, Lambersaphis
inosus, Iridomyrmex
nastri, Eulecanium, (*Sphaerolecanium*)
ni, Hyalopterus
nus
mphimallon majalis on, in New York 1796
uproctis chrysorrhoea on, in France 565
ieberiella florii on, in Oregon 4612

Prunus *contd.*
Pseudaulacaspis pentagona on, in Virginia 2333
Prunus amygdalus (see Almond)
Prunus armeniaca (see Apricot)
Prunus avium (see Cherry)
Prunus cerasifera, Eulecanium prunastri on, in Poland 570
Prunus cerasus
Cydia funebrana on, in Maritime Province 5123
Rhagoletis pomonella on, in Wisconsin 1321
Prunus domestica (see Plum)
Prunus dulcis (see Almond)
Prunus mahaleb, Yponomeuta mahalebellus on, in France 4772
Prunus mume, Cryptothelea minuscula on, in Japan 3396
Prunus padus
Phellopsis amurensis on, in Maritime USSR 1540
Rhopaloscelis spp. on, in USSR 3829
Prunus persica (see Peach)
Prunus persica* var. *nectarina (see Nectarine)
Prunus spinosa
Eulecanium prunastri on, in Poland 570
Stigmella plagicolella on, in Netherlands 2331
pryeri, Samia cynthia
Psalis pennatula
biology of 512
in India 512
on *Cynodon dactylon,* in Rajasthan 512
on lucerne, in Rajasthan 512
on maize, in Rajasthan 512
Psalliota arvensis (see Mushroom)
Psallus ambiguus, pesticides in, toxicity of 3578
Psallus flavellus
in UK 4234
preying on, *Psyllopsis fraxini,* in UK 4234
Psallus seriatus
control of, insecticides for 4816, 4822
in USA 4816, 4822, 4928
on cotton
assessing infestations of 4928
in Texas 4816, 4822
in USA 4928
Psammotermes fuscofemoralis
control of, wood preservatives for 3862
in Egypt 3862
in sapwood stakes, in Egypt 3862
Pselactus spadix (see *Codiosoma*)
Psenulus fuscipennis (see *Diodontus*)
Pseudacanthotermes militaris, biology of 1602
Pseudaletia convecta (see *Mythimna*)
Pseudaletia impuncta (see *Mythimna*)
Pseudaletia separata (see *Mythimna*)

Pseudaletia unipuncta (see *Mythimna*)

Pseudaonidia trilobitiformis
- in New Caledonia 2764
- on *Citrus,* in New Caledonia 2764
- preyed on by, *Rhizobius pulchellus,* in New Caledonia 2764

Pseudaphycus malinus, parasitising, *Pseudococcus comstocki,* and biological control using, in USSR 1883

Pseudaphycus mundus
- in Barbados 4247
- preying on, *Saccharicoccus sacchari,* in Barbados 4247

Pseudarthria hookeri, trap crop for *Taylorilygus vosseleri* 639

Pseudatomoscelis seriatus (see *Psallus*)

Pseudaulacaspis brimblecombei
- sp. n., description of 4288
- in Australia 4288
- on *Macadamia,* in Queensland 4288
- on *Telopea speciosissima,* in New South Wales 4288
- taxonomy of, referred to as *Chionaspis eugeniae* var. *major* 4288

Pseudaulacaspis pentagona
- biology of 177, 2333
- control of, insecticides for 177, 2333
- in New Caledonia 2764
- in Turkey 4459
- in USA 177, 2333
- in USSR 1883
- on *Nerium oleander,* in New Caledonia 2764
- on ornamental plants, in Virginia 2333
- on peach
  - in Florida 177
  - in Virginia 2333
- parasitised by
  - *Aphytis proclia,* in Virginia 2333
  - *Archenomus bicolor,* in Virginia 2333
  - *Marietta* spp., in Virginia 2333
  - *Prospaltella berlesei*
    - and biological control using, in USSR 1883
    - in Virginia 2333
- preyed on by, *Rhizobius pulchellus,* in New Caledonia 2764
- sex determination in 2989

pseudoannulata, Lycosa

pseudobrassicae, Hyadaphis (see *Lipaphis erysimi*)

pseudobrassicae, Hyadaphis erysimi (see *Lipaphis erysimi*)

pseudobrassicae, Lipaphis erysimi (see *L. erysimi*)

Pseudobryobia drummondi, life-cycle of 980

Pseudobunaea irius, parasitised by, *Mesocomys pulchriceps* 1379

Pseudococcidae, in Soviet Far East 298

Pseudococcus adonidum
- control of, insecticides for 216

Pseudococcus adonidum *contd.*
- in Australia 4780
- in Bulgaria 216
- on *Citrus,* in South Australia 4780
- on ornamental plants, in Bulgaria 216

Pseudococcus calceolariae
- in France 580
- in Italy 580
- in USSR 1883
- on *Citrus,* in Italy 580
- parasitised by
  - *Coccophagus* spp., in Italy 580
  - *Cryptolaemus montrouzieri,* and biological control using, in USSR 1883
  - *Dendrocerus laevis,* in Italy 580
  - *Hungariella pretiosa,* in Italy 580
- taxonomy of
  - lectotype for 2086
  - *Pseudococcus citrophilus* as synonym 2086
  - *P. fragilis* as synonym of 2086
  - *P. gahani* as synonym of 2086

Pseudococcus citri (see *Planococcus*)

Pseudococcus citrophilus, taxonomy of, synonym of *P. calceolariae* 2086

Pseudococcus comstocki
- descriptions of 323
- in Taiwan 323
- in USSR 1883
- on *Syzygium jambas,* in Taiwan 323
- parasitised by
  - *Allotropa burrelli,* and biological control using, in USSR 1883
  - *A. convexifrons,* and biological contr using, in USSR 1883
  - *Pseudaphycus malinus,* and biologica control using, in USSR 1883

Pseudococcus elisae
- in Easter Island 2253
- on guava, in Easter Island 2253

Pseudococcus fragilis
- in France 580
- in Italy 580
- in USSR 1883
- on *Citrus,* in Italy 580
- parasitised by
  - *Coccophagus* spp., in Italy 580
  - *Cryptolaemus montrouzieri,* and biological control using, in USSR 1883
  - *Dendrocerus laevis,* in Italy 580
  - *Hungariella pretiosa,* in Italy 580
- taxonomy of, synonym of *P. calceolaria* 2086

Pseudococcus gahani, taxonomy of, synony of *P. calceolariae* 2086

Pseudococcus maritimus
- control of, insecticides for 216
- in Bulgaria 216
- in USSR 1142
- on ornamental plants, in Bulgaria 216

udococcus maritimus *contd.*
  tea, in USSR 1142
udococcus njalensis (see *Planococcoides*)
udodoniella typica
  Papua New Guinea 4144
  cacao, in New Britain 4144
udogonia rufifrons
  USSR 5085
  rasitising, *Hadena sordida,* in Kazakhstan 5085
udohermenias clausthaliana
  Denmark 4832
  Picea abies, in Denmark 4832
  erwintering in 4832
udomagnoliarum, Coccus
udomonadaceae, in, *Lymantria dispar,* in Connecticut 4878
udomonas
  bies balsamea foliar constituents in, effects of 4873
  , *Lymantria dispar,* in Connecticut 4878
udomonas aeruginosa

  Dendroctonus frontalis, pathogenicity of 2445
  Limonius californicus, penetration of cuticle by 4427
udomonas fluorescens, in, *Dendroctonus rontalis,* pathogenicity of 2445
udomonas putida, γ-BHC in, converted o α-isomer 3416
udomyrmex gracilis mexicanensis
  ology of 2271
  USA 2271
udomyrmex mexicanensis (see *P. gracilis mexicanensis*)
udoobscura, Drosophila
udopallipes, Leiophron
udopallipes, Peristenus
udopityophthorus, *Ceratocystis fagacearum* in, transmission of 4830
udoplusia includens
  tractants for 1693
  traction of 341
  Guatemala 2897
  USA 1693, 3129, 3324, 3654, 4132
  uclear polyhedrosis virus in
    in Guatemala 2897
    in Louisiana 3324
  n cotton, in Guatemala 2897
  n soy bean
    in Florida 3129, 3654
    in Louisiana 3324
  arasitised by, *Apanteles marginiventris* 4232
  reyed on by
    Erythemis simplicicollis, in Florida 3654
    Spanagonicus albofasciatus, in Florida 3129

Pseudoplusia includens *contd.*
  sex pheromone of, methods for obtaining 1794
  sexual isolation of 4132
pseudosabinae, Cinara
Pseudosciaphila branderiana
  in West Germany 3736
  on apple, in West Germany 3736
  traps for 3736
pseudospretella, Hofmannophila
Pseudotsuga menziesii
  Choristoneura occidentalis on, in Montana 695, 1972
  Dendroctonus pseudotsugae on
    in British Columbia 5190
    in Idaho 1539
  Dioryctria pseudotsugella on, in North America 2511
  D. reniculelloides on, in North America 2511
  Megastigmus spermotrophus on, in UK 2397
  Nuculaspis californica on, in USA 3820
  Trypodendron lineatum on, in British Columbia 1731, 3509
pseudotsugae, Dendroctonus
pseudotsugata, Hemerocampa, (*Orgyia*)
pseudotsugella, Dioryctria
psi, Acronicta
psidii, Chloropulvinaria, (*Pulvinaria*)
Psidium guajava (see Guava)
Psila rosae
  control of 2358
    insecticides for 3608, 3983, 4500, 4797, 4955
  dieldrin resistance in, in England 4955
  food-plants of, selection of 2357, 2817
  in Belgium 3608
  in Canada 3983, 4797
  in France 3610, 4500
  in Turkey 4444
  in UK 2358, 4955
  on carrot
    in Belgium 3608
    in British Columbia 4797
    in England 4955
    in France 4500
    in Turkey 4444
    in UK 2358
  on celery
    in France 4500
    in Turkey 4444
    in UK 2358
  on parsley, in UK 2358
  on parsnip
    in England 4955
    in UK 2358
  orientation in 2357, 2817
  rearing of, techniques for 1125
  traps for, effects of food-plant on catches in 3610

Psilopa, parasitising, *Apion corchori,* in West Bengal 2840
Psilopholis vestita
  control of 544
  in Malaysia 544
  on *Elaeis guineënsis,* in Malaysia 544
Psilus, parasitising, *Pholeomyia comans* 1315
Psocidae, in Queensland 2888
Psocoptera, in East Germany 2403
Psychoda, in maltings, in UK 4858
Psylla
  in Netherlands 3738
  on *Pistacia vera,* in Turkey 4480
  taxonomy of 301
Psylla loginovae
  sp. n., description of 2502
  in USSR 2502
  on *Salix,* in Georgia (USSR) 2502
Psylla mali
  in Belgium 3246
  in Italy 5122
  on apple
    forecasting infestations of 3246
    in Belgium 3246
    in Italy 5122
Psylla melanoneura taurica
  forma nov., description of 3730
  in USSR 3730
  on apple, in Crimea 3730
Psylla pyri
  biology of 3738
  in France 3457
  in Italy 5122
  in Netherlands 3738
  on pear
    in France 3457
    in Netherlands 3738
  seasonal polymorphism in 3457
Psylla pyricola
  control of, insecticides for 1469, 1639
  in Canada 3661
  in USA 1469, 1639
  on pear
    in British Columbia 3661
    in California 1469
    in Washington 1639
    resistance to 2780
  preyed on by
    Anthocoris melanocerus, in British Columbia 3661
    A. nemoralis, in British Columbia 3661
  stylets in 2521
Psylla subklapaleki
  sp. n., description of 2502
  in USSR 2502
  on *Salix,* in Georgia (USSR) 2502
Psylla vasilievi
  biology of 3074
  control of, insecticides for 3074
  descriptions of 3074
Psylla vasilievi *contd.*
  in USSR 3074
  on pear, in Moldavia 3074
Psyllaephagus pulvinatus
  biology of 3257
  in Rhodesia 3257
  parasitised by, *Aphidencyrtus cassatus,* i
    Rhodesia 3257
  parasitising, *Trioza erytreae,* in Rhodesia
    3257
Psyllaphycus diaphorinae
  gen. et sp. n., description of 851
  in India 851
  parasitising, *Diaphorina* spp., in Punjab
    851
Psyllidae
  faeces of, amylose in 353
  in British Columbia 3426
  in Egypt 4038
  on cotton, in Ivory Coast 2373
Psylliodes cupreatus
  in USSR 4342
  on sugar-beet, in Siberia 4342
Psylloidea
  in Kazakhstan 2616
  in Mongolia 449
psylloides, Gibbium
Psyllopsis fraxini
  in UK 4234
  on *Fraxinus excelsior,* in UK 4234
  preyed on by
    Anthocoris gallarumulmi, in UK 42
    A. nemorum, in UK 4234
    Chrysopidae, in UK 4234
    Melanostoma mellinum, in UK 4234
    Psallus flavellus, in UK 4234
Pterandrus rosa (see *Ceratitis*)
pteridii, Phytoliriomyza
4-Pteridinethiol, 2-amino-, in *Galleria mellonella* ovarian explants, promoting outgrowths 891
4-Pteridinethiol, 2-amino-6,7-dimethyl-, in *Galleria mellonella* ovarian explants, promoting outgrowths 891
Pteridium aquilinum, *Phytoliriomyza pteri*
  on, in UK 858
Pterobilin, in *Pieris brassicae* integument, role in light reception of 3024
Pteromalidae
  female reproductive system in 324
  hyperparasitising, aphids, in Japan 454
Pteromalus puparum
  biology of 1387
  in Hungary 3222
  parasitised by, *Eupteromalus peregrinus,*
    in Hungary 3222
  parasitising
    Pieris brassicae 1387
      in Hungary 3222
    P. rapae 1185
  rearing of, techniques for 410, 2203

omalus venustus
  romosome number in 363
  rasitising, *Megachile rotundata* 363
onidea pavida (see *Nematus*)
onidea ribesii (see *Nematus*)
ostichus brevicornis, coldhardiness in 65
ostichus cupreus
  auveria bassiana in, pathogenicity of 1573
  ecilomyces farinosus in, pathogenicity of 1573
ostichus niger
  USSR 3944
  eying on, *Argyresthia conjugella,* in Lithuania 3944
ostichus oblongopunctatus
  USSR 3947
  eying on, *Pristiphora abietina,* in Lithuania 3947
ostichus vulgaris
  od of 2163
  France 2163
dactyla, on *Anthurium,* in Italy 1531
don capucina
  USSR 2855
  Betula, in USSR 2855
  lyhedrosis virus in, in USSR 2855
dae, in Japan 2959
us fur
  UK 4858
  maltings, in UK 4858
us japonicus, in Japan 2959
us tectus
  UK 4858
  dried forage, development of 3864
  maltings, in UK 4858
holoma lecheana
  Netherlands 5124
  val mandibles in 5124
  apple, in Netherlands 5124
scens, Harpalus (see *H. rufipes*)
scens, Ophonus (see *Harpalus rufipes*)
inia chondrillina, in, *Chondrilla juncea,* nd biological control using, in Australia 087
bunda, Dasychira
aria, cover crop to protect oil palms gainst *Oryctes* 5111
to Rico
  spidiotus destructor in
    natural enemies of 1391
    on banana 1391
ator, Cletus
ax, Oebalus
hella, Utetheisa
hellana, Argyrotaenia
hellus, Gampsocoris
hellus, Rhizobius
her, Aphidius
her, Cenopalpus
hra, Allograpta
pulchriceps, Mesocomys
pulchripennis, Rhopalicus
Pulicalvaria thujaella (see *Coleotechnites*)
Pullularia pullulans, in, aphids, transmission of 3309
Pullus, preying on, *Maconellicoccus hirsutus,* and biological control using, in New Britain 4144
Pullus coccivora (see *Scymnus*)
pulverarius, Heterococcus
pulverea, Holcocera
Pulvinaria, rearing of, techniques for 3058
Pulvinaria floccifera (see *Chloropulvinaria*)
Pulvinaria psidii (see *Chloropulvinaria*)
Pulvinaria ribesiae
  biology of 1451
  control of 1451
  in UK 1451
Pulvinaria vitis
  biology of 1451
  control of 1451
  in Turkey 4469
  in UK 1451
  on grape vine, in Turkey 4469
pulvinatus, Psyllaephagus
pumicana, Cnephasia
pumila, Semiothisa
pumilionis, Chlorops
pumilus, Metallus
Pumpkin
  aldrin in, metabolism of 1229
  Aulacophora foveicollis on, in Madhya Pradesh 1485
  Melittia cucurbitae on, feeding preferences of 607
  parathion in, residues of 2954
punctata, Sticholotis
punctatum, Anobium
punctatus, Dendrolimus
puncticollis, Podagrica
puncticollis, Sitona
punctiferalis, Dichocrocis
punctigera, Heliothis, (*Helicoverpa*)
punctillata, Europtera
punctillum, Stethorus
punctipes, Geocoris
punctiscutellum, Zeteticontus
punctiventris, Bothynoderes
punctoria, Nythobia, (*Horogenes*)
punctulatus, Ephialtes
punctum, Stethorus
punensis, Pheidole sulcaticeps
pungens, Pristomyrmex
Punica granatum (see Pomegranate)
punicae, Oligonychus
punicae, Tenuipalpus
punicaeella, Euzophera
puparum, Pteromalus
purchasi, Icerya
1*H*-Purin-6-amine, *N*-(phenylmethyl)- (cytokinin)

1*H*-Purin-6-amine, *N*-(phenylmethyl)- *contd.*
in *Chaetosiphon fragaefolii,* effects on development and alary polymorphism of 2986
in *Myzus persicae* diet, not affecting growth 2986
1*H*-Purine-2,6-dione, 3,7-dihydro-1,3,7-trimethyl- (caffeine)
in rats
increasing toxicity of pyrethrins 2489
toxicity of 2489
1*H*-Purine-2,6,8(3*H*)-trione, 4,9-dihydro- (uric acid)
in *Anthonomus grandis,* metabolism of 4080
in *Locusta migratoria,* anabolism associated with high levels of 2239
in *Mythimna separata,* effects of larval crowding on 1736
in *Schistocerca gregaria*
anabolism associated with high levels of 2239
during egg development 985
Puromycin, dihydrochloride, in *Citrus,* effects on mites of 3744
purpureus, Iridomyrmex (see *I. detectus*)
purpureus, Tetrastichus
pusilla, Fenusa
pusilla, Leucaspis
pusilla, Oscinella
pusillum, Gonocephalum
pusillus, Cryptolestes
pustulans, Asterolecanium
pustulata, Mylabris
putrescentiae, Tyrophagus, (*Tyroglyphus*)
Pyemotes herfsi
biology of 1381
in Egypt 1381
parasitising, *Pectinophora gossypiella,* in Egypt 1381
Pygaera anastomosis
biology of 1155
in South Korea 1155
on *Populus,* in South Korea 1155
Pygaera anastomosis tristis
cytoplasmic polyhedrosis virus in, infectivity of 738
nuclear polyhedrosis virus in, infectivity of 738
pygmaea, Epuraea
Pygmephorus, preying on, *Dermestes maculatus* 5202
Pyracmon alaskensis
in Canada 1172
parasitising, *Tetropium parvulum,* in Alberta 1172
pyralis, Sacadodes
Pyramat (*see* Carbamic acid, dimethyl-, 6-methyl-2-propyl-4-pyrimidinyl ester) 594
pyramica, Conomyrma (see *C. insana*)
pyrastri, Lasiophthicus, (*Scaeva*)
Pyrausta nubilalis (see *Ostrinia*)
Pyrazolo[1,5-*a*]pyrimidine-6-carboxylic aci 2-[(diethoxyphosphinothioyl)oxy]-5-methyl-
ethyl ester
against, powdery mildew 4906
in *Citrus,* effects on mites of 3744
Pyrazon (*see* 3(2*H*)-Pyridazinone, 5-amin 4-chloro-2-phenyl-)
1218
1219
Pyrazophos (*see* Pyrazolo[1,5-*a*]pyrimidin 6-carboxylic acid, 2-[(diethoxyphosphinothioyl)oxy]-5-methyl-, ethyl ester)
Pyrenone (*see* Pyrethrins)
Pyrethrin I (2-methyl-4-oxo-3-(2,4-pentadienyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)
against
Musca domestica 5242
Phaedon cochleariae 5242
in rats, metabolism of 2047
Pyrethrin II (2-methyl-4-oxo-3-(2,4-pentadienyl)-2-cyclopenten-1-yl 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2, dimethylcyclopropanecarboxylate)
in rats, metabolism of 2047
Pyrethrins
acaricidal activity of 2484
against
Acarus siro 1977
Aulacophora foveicollis 1485
Coleotechnites spp. 692
Ennomos subsignarius 1538
Hemerocampa pseudotsugata 3994
Lasioderma serricorne 3990
Lymantria dispar 1538
Malacosoma californicum 804
Nemapogon granellus 722
Oinophila v-flava 722
pests of stored grain 5209
Sitophilus granarius 3400
S. oryzae 3855
Tenebroides mauritanicus 4592
Trialeurodes vaporariorum 4954
Tribolium castaneum 1633, 2066, 34
Tyrophagus putrescentiae 1977
Xenylla welchi 1022
books on 4942
determination of 1344, 2189
FAO specifications for 793
in *Escherichia coli,* effects of 2071
in mammals, toxicity of 2071
in *Passer domesticus,* effects of 2072
in rats, toxicity of, effects of drugs and synergists on 2489
in stored maize, effects of 2417–2418
in stored wheat, effects of 2417–2418

- **thrins** *contd.*
  - secticidal activity of 2484
  - sistance to, in
    - *Ephestia cautella,* in USA 2875
    - *Plodia interpunctella,* in USA 2875
  - bilisation of thin films of 1614
  - nergists for
    - piperonyl butoxide as 2915, 3400
    - plant extracts as 2066
  - th derris
    - against
      - *Ceutorhynchus assimilis* 1502
      - *Dasineura brassicae* 1502
      - *Meligethes aeneus* 1502
    - in *Philonthus fuscipennis,* toxicity of 1502
    - in *Tachyporus hypnorum,* toxicity of 1502
  - ith *Heliothis* nuclear polyhedrosis virus
    - against
      - *Heliothis virescens* 2915
      - *H. zea* 2915
- **ethroids,** selective toxicity of 4537
- **ethrum** (*see* Pyrethrins)
- ***gomorpha conica***
  - ology of 437–438
  - od-plants of 439
    - Egypt 439
    - France 5067
  - rasitised by, *Ceracia mucronifera,* in France 5067
- **, *Anisandrus*** (see *Xyleborus dispar*)
- **, *Dasineura,*** (*Perrisia*)
- **, *Phyllobius***
- **, *Psylla***
- **, *Quadraspidiotus***
- **, *Stigmella***
- **, *Typhlodromus***
- ***cola, Psylla***
- **idafenthion** (*see* Phosphorothioic acid, *O*-(1,6-dihydro-6-oxo-1-phenyl-3-pyridazinyl) *O,O*-diethyl ester)
  - 2070
  - 4977
- ***H*)-pyridazinone, 5-amino-4-chloro-2-phenyl-**
  - plants
    - effects of insecticides on metabolism of 1218
    - effects on insecticide metabolism of 1219
- **idine, 3-(1-methyl-2-pyrrolidinyl)-**
  - *S*)-
    - against, *Trialeurodes vaporariorum* 4954
    - in rats
      - effects on toxicity of pyrethrins of 2489
      - toxicity of 2489
  - ulfate, (*S*)-, against, *Hyadaphis erysimi* 2349, 3770
- **Pyridine, 3-(2-piperidinyl)-**
  - sulfate, (*S*)-
    - against, *Hylemya floralis* 602
    - in orchards, non-target effects of 2770
    - in *Synharmonia,* toxicity of 5254
- **Pyridinium, 2-[(hydroxyimino)methyl]-1-methyl-**
  - iodide
    - in fowls, antidote for fensulfothion poisoning 5255
    - in rats, antidote for fensulfothion poisoning 5255
- **Pyridinium, 1,1′-[oxybis(methylene)]bis[4-[(hydroxyimino)methyl]-**
  - dichloride
    - in fowls, antidote for fensulfothion poisoning 5255
    - in rats, antidote for fensulfothion poisoning 5255
- **Pyridoxine,** in *Itoplectis conquisitor,* dietary requirement for 350
- ***Pyrilla perpusilla***
  - control of, insecticides for 499, 1034, 3704
  - in India 3704
  - in Pakistan 1034
  - on sorghum, in Madhya Pradesh 3704
  - on sugar-cane, in Pakistan 1034
- **2,4(1*H*,3*H*)-Pyrimidinedione**
  - in *Heliothis zea, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into RNA of 3341
  - in *Trichoplusia ni, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into RNA of 3338
- **2,4(1*H*,3*H*)-pyrimidinedione, 5-chloro-3-(1,1-dimethylethyl)-6-methyl-** (terbacil)
  - in *Amblyseius fallacis,* toxicity of 2327
  - in *Tetranychus urticae,* toxicity of 2327
- **2-Pyrimidinemethanol, 4-hydroxy-α,α,6-trimethyl-**
  - in pea, diazinon metabolite 4009
  - in rice, diazinon metabolite 4009
  - in soil, diazinon metabolite 4009
- **2,4,6(1*H*,3*H*,5*H*)-Pyrimidinetrione, 5-ethyl-5-phenyl-**
  - in cattle, effects on dieldrin residues of 2928
  - in *Coturnix coturnix,* influence of insecticides on effects of 4961
  - in pea, effects on aldrin metabolism of 1229
  - in rats
    - effects on toxicity of pyrethrins of 2489
    - toxicity of 2489
  - in sheep, not affecting DDT residue levels 1637
- **4-Pyrimidinol, 5-butyl-2-(dimethylamino)-6-methyl-** (dimethirimol)
  - in *Citrus,* effects on mites of 3744

4-Pyrimidinol, 6-methyl-2-(1-methylethyl)-
  in pea, diazinon metabolite 4009
  in rice, diazinon metabolite 4009
  in rice-fields, diazinon product 1620
  in soil, diazinon metabolite 4009
Pyrimido[5,4-*e*]-1,2,4-triazine-5,7(6*H*,8*H*)-dione, 6,8-dimethyl-, against, *Solenopsis invicta* 5057
pyrina, Zeuzera
pyrivora, Contarinia
pyrivora, Cydia, (*Laspeyresia*)
Pyrocide (*see* Pyrethrins)
Pyroderces simplex
  descriptions of 129
  in Egypt 129, 3648, 5061
  on maize
    damage caused by 129
    in Egypt 129, 3648
  on sorghum, in Egypt 129
  parasitised by, *Phanerotoma* spp., in Egypt 129
  preyed on by
    Blaptostethus piceus, in Egypt 129, 3648
    Labidura riparia, in Egypt 5061
Pyrophyllite, in insecticidal dusts 2935
Pyrrhalta placida
  biology of 3693
  in Nigeria 3693
  on cacao, in Nigeria 3693
  on coffee, in Nigeria 3693
  on maize, in Nigeria 3693
Pyrrhia exprimens
  in Canada 4393
  on *Picea glauca,* in Ontario 4393
Pyrrhocoridae, on cacao, in Nigeria 1528
Pyrrhocoris apterus
  control of, juvenile hormone analogues for 1720
  embryonic development in, effects of juvenile hormone analogues on 1717
  enzymes in, effects of juvenile hormone analogues on 1729
  in Bulgaria 2279
  on medicinal plants, in Bulgaria 2279
1*H*-Pyrrole-2-carboxylic acid, 4-methyl-, methyl ester, *Atta texana* trail pheromone, activity of analogues of 2648, 4575
2-Pyrrolidinecarboxylic acid, (*S*)- (*see* L-Proline)
Pyrrolidinomethyltetracycline, in *Hyadaphis erysimi,* effects on fertility of 1480
2-Pyrrolidinone, 1-ethenyl-, homopolymer, in plants, effects on aldrin epoxidase of 2052
Pyrus, *Proagopertha lucidula* on, in China 1160
Pyrus calleryana, *Fieberiella florii* on, in Oregon 4612
Pyrus communis (see Pear)
Pyrus communis* × *P. ussuriensis,* *Psylla *pyricola* on, resistance to 2780
Pyrus pashia, *Fieberiella florii* on, in Ore 4612
Pyruvic acid (*see* Propanoic acid, 2-oxo-)-
pyste, Nemorilla
Pythium ultimum, false pea leaf-roll virus transmission of 2814
qamari, Machaeropsis
Quadraspidiotus ostreaeformis
  biology of 1451
  control of 1451
    insecticides for 557
  in Canada 557
  in UK 1451
Quadraspidiotus perniciosus
  biology of 1451
  control of 1451, 4460
    crop management for 2323
    insecticides for 557, 1458, 2323, 31 4461, 5232
  in Canada 557
  in Hungary 3207
  in Rhodesia 2972
  in South Africa 2972
  in Spain 1082, 1458
  in Turkey 2323, 4459–4461, 5232
  in USA 3198
  in USSR 1883, 3070
  on apple
    damage caused by 3070
    in Moldavia 3070
    in Spain 1082
    in Turkey 4461
  on peach
    in Hungary 3207
    in Spain 1458
    varietal preferences of 3207
  on pear, in Spain 1082, 1458
  parasitised by, *Prospaltella perniciosi,* a biological control using, in USSR 1883
Quadraspidiotus pyri
  biology of 1451
  control of 1451
  in UK 1451
Quadraspidiotus slavonicus
  in USSR 997
  parasitised by, *Anthemus aspidioti,* in Turkmenia 997
quadricingulatus, Itoplectis
quadricollis, Cathartus
quadridens, Ceutorhynchus
quadridentata, Apechthis
quadridentata, Ascogaster
quadrimaculata, Melangyna
quadrimaculatus, Nephus
quadripes, Xylotrechus
quadripilis, Iphiseiodes
quadripunctatus, Dolichoderus
quadripunctatus, Glischrochilus
quadripustulatus, Exochomus

ripustulatus, Glischrochilus (see *G. uadripunctatus*)
risetus, Trisetacus
risignatus, Glischrochilus
rituberculatus, Amnemus
og, northern (see *Mercenaria ercenaria*)
l, parathion in, effects of 3412
l, bobwhite (see *Colinus virginianus*)
l, Japanese (see *Coturnix coturnix*)
tz, in insecticidal dusts 2935
ordecimpunctata, Propylea
lei, Homalotylus
ec
  romyza frontella in, on lucerne 536
  ts in, in forests 2242
  chips cerasivoranus in, natural enemies of 5197
  oristoneura fumiferana in
    on *Abies* 3274
    on *Picea* 3274
  nara curvipes in
    natural enemies of 4433
    on *Abies* 4433
  leophora serratella in, on *Betula* 4051
  nusa pusilla in, on *Betula* 4051
  est pests in, natural enemies of 2903
  rmica spp. in 104
  ylemya antiqua in, on onion 1922
  mbdina fiscellaria in
    natural enemies of 3272
    on *Abies* 3272
    on *Picea* 3272
  ymantria dispar in, natural enemies of 3275
  arket gardens in, entomological problems in 1478
  strinia nubilalis in, on maize 1414
  anonychus ulmi in
    in stored apples 3199
    on apple 4293
  ieris rapae in, on cabbage 1482
  hagoletis pomonella in, on apple 934, 2328
  richoplusia ni in, on cabbage 1482
en-technique, against, *Lasius brunneus* 110
ensland
  ltermetoponia spp. in, on sugar-cane 5081
  ulacaspis madiunensis in, natural enemies of 1402
  ocado in, pests of 4307
  accharis halimifolia in, insects for biological control of 2701
  arthamus tinctorius in, pests of 2827
  icadulina bimaculata in 4245
  riococcus ironsidei in, on *Macadamia* 4288
  eliothis spp. in 2631
  epidosaphes macadamiae in, on *Macadamia* 4288
Queensland *contd.*
  Macadamia in, pests of 1456
  Neodrepta luteotactella in, on *Macadamia* 4370
  Perkinsiella saccharicida in
    natural enemies of 5080
    on sugar-cane 5080
  Pseudaulacaspis brimblecombei in, on *Macadamia* 4288
  sorghum in, pests of 4276
  stored grain in, pest control in 1984
  Stratiomyidae in, on sugar-cane 5082
  zucchini marrow in, pests of 2809
queenslandicus, Aspidiotus
quercifoliella, Phyllonorycter
Quercus
  Anisota senatoria on, in Missouri 4520
  Archips xylosteanus on, in Romania 693
  Cecidomyiidi on, in Soviet Far East 3282
  Ceratocystis fagacearum in, in USA 4830
  Colotois pennaria on, in Austria 4847
  Diapheromera femorata on, in Missouri 4520
  Ennomos subsignarius on, in Connecticut 1839–1840
  Heterocampa manteo on, in Missouri 4520
  Homaloplia svanetica on, in Georgia (USSR) 2967
  Kermococcus quercus on, in USSR 4700
  Lymantria dispar on, in Connecticut 2395
  Melolontha melolontha on, in France 3623
  Phyllonorycter harrisella on, in UK 3280
  P. quercifoliella on, in UK 3280
  Phylloxeridae on, in UK 1167
  Synergus clandestinus on, in West Germany 2867
  Thaumetopoea processionea on, in Moldavia 3813
  Tortrix viridana on
    in Romania 693
    in West Germany 1386, 4690
Quercus agrifolia, *Phryganidia californica* on, in California 1193
Quercus alba
  Lymantria dispar on, in New Jersey 220
  Melanaspis obscura on, in Maryland 714
  Myzocallis spp. on γ-irradiated 1544
  pests of, in USA 4831
Quercus cerris, Cecidomyiidae on, in Czechoslovakia 1974
Quercus coccinea
  Lymantria dispar on, in New Jersey 220
  pests of, in USA 4831
Quercus falcata, *Erythroneura maxwelli* on, in Mississippi 3438

Quercus ilex, *Lymantria dispar* on, in Spain 3279
Quercus incana, *Lachnus acutihirsutus* on, in India 4055
quercus, Kermococcus
quercus, Lasiocampa
Quercus macedonica, *Harpiphorus lepidus* on, in Yugoslavia 686
Quercus macrocarpa, *Disholcaspis bassetti* on, in Ontario 4385
Quercus palustris, *Melanaspis obscura* on, in Maryland 714
Quercus pedunculiflora
  Archips xylosteanus on, in Romania 693
  Tortrix viridana on, in Romania 693
Quercus prinus
  Lymantria dispar on, in New Jersey 220
  pests of, in USA 4831
Quercus robur, *Cynips quercusfolii* on, effects of 4384
Quercus rubra
  Lymantria dispar on, in New Jersey 220
  pests of, in USA 4831
***Quercus* (timber),** *Lyctus brunneus* in, in Italy 1555
quercus, Typhlocyba
Quercus velutina
  Lymantria dispar on, in New Jersey 220
  pests of, in USA 4831
quercusfolii, Cynips
Quinalphos (*see* Phosphorothioic acid, *O,O*-diethyl *O*-2-quinoxalinyl ester)
quinaria, Pardalaspis
Quince (*Cydonia vulgaris*)
  Brevipalpus obovatus on, in Egypt 1891
  B. phoenicis on, in Egypt 906
  Cenopalpus pulcher on, in Egypt 2469
  Eulecanium bituberculatum on, in USSR 5121
  leafrollers on, in Hungary 1084
Quinolate (*see* Copper, bis(8-quinolinolato-N^1,O^8)-)
Quinomethionate (6-methyl-1,3-dithiolo[4,5-*b*]quinoxalin-2-one)
  against
    Aceria guerreronis 260
    Botrytis spp. 3935
    Brevipalpus californicus 5174
    mites 3935
    Oidium spp. 3935
    Oligonychus coffeae 5174
    Panonychus ulmi 1091, 2924
    Tetranychus urticae 1076, 1914, 2848
  in *Tetranychus urticae*
    effects of 2985
    toxicology of 1641
  resistance to, in, *Tetranychus urticae* 4509
  with dicofol, against, *Tetranychus urticae* 1914
  with parathion, against, *Tetranychus urticae* 1914
Quinothionate (*see* Thioquinox)
2,3-Quinoxalinedithiol, 6-methyl-, in *Tetranychus urticae,* quinomethionate metabolite 1641
quinqueguttatus, Bruchidius
quisquiliarum, Pergamasus
R-2596 (*see* Phosphonodithioic acid, ethyl-*S*-(4-chlorophenyl) *O*-ethyl ester)
  1041
R-8963 (*see* Phosphorodithioic acid, *O,O*-diethyl *S*-(3,4,4-trifluoro-3-butenyl) este
  4939
R-10044 (*see* Methanesulfonamide, *N*-phenyl-*N*-[(1,1,2,2-tetrachloro-2-fluoroethyl)thio]-)
  278
R-11989 (*see* Phosphorothioic acid, *O,O*-diethyl *S*-(3,4,4-trifluoro-3-butenyl) este
  4939
R-20458 (*see* Oxirane, 3-[5-(4-ethylphenoxy)-3-methyl-3-pentenyl]-2,2-dimethyl-, (*E*)-)
  1205
  1588
  4574
  4587
Rabbit, cottontail (see *Sylvilagus floridanu*
Rabbit skin, dried
  Dermestes maculatus in
    development of 5203
    oviposition by 5204
Rabbit, swamp (see *Sylvilagus aquaticus*)
Rabbits
  S-bioallethrin in, toxicity of 2484
  phosphamidon in, metabolism of 773
  pyrethrins in, effects of 2071
Rachiplusia ou, nuclear polyhedrosis virus 2447
Radar, for detecting and identifying flying insects 4678
Radiation, beta, detection of, by *Camponotus herculeanus* 1824
Radiation, gamma
  against
    Carpophilus dimidiatus 4907
    Ceratitis capitata 1576
    Dacus cucurbitae 1576
    D. dorsalis 1576
    D. tryoni 2077
    Ephestia cautella 1554
    pests of stored grain 2077, 2080
    pests of wheat flour 5210
    Plodia interpunctella 1554
    Rhyzopertha dominica 1978, 1980
    Sitophilus oryzae 1554, 1980, 4860
    Sitotroga cerealella 1554
    Sternochetus mangiferae 2588
    Tribolium castaneum 1554
  effects of, on
    Acanthoscelides obtectus 1118, 2041
    Adoxophyes orana 1092
    ants 2691

ation, gamma *contd.*
  ects of, on *contd.*
    Cacoecimorpha pronubana 3493
    Ceratitis capitata 1195, 1310, 2113, 2141, 3496
    Chilo suppressalis 252, 2732
    Choristoneura fumiferana 1580
    Cryptolestes pusillus 4604
    Cydia pomonella 248, 750, 3916
    Dacus cucurbitae 253
    D. oleae 4602
    D. zonatus 4118
    Dolichoderus quadripunctatus 2550
    Drosophila melanogaster 2434
    Ephestia spp. 2079
    E. cautella 2465
    Epichoristodes acerbella 3493
    Galleria mellonella 2532
    Heliothis virescens 249, 2022, 2464, 5026
    H. zea 2022
    Hylemya brassicae 603, 1196
    Ips erosus 4835
    Lobesia botrana 1330
    Oncopeltus fasciatus 1742
    Oryzaephilus surinamensis 2079
    Palorus subdepressus 2408
    Pectinophora gossypiella 2012, 4815
    Piophila casei 5205
    Plodia interpunctella 3494–3495
    Popillia japonica 1597
    Rhagoletis cerasi 3204
    Rhyacionia buoliana 5193
    Rhyzopertha dominica 3017
    Sitophilus oryzae 1575, 2079, 4603
    Spodoptera exigua 4601
    S. littoralis 1311
    Tenebrio molitor 1598
    T. obscurus 1598
    Tenebroides mauritanicus 4604
    Tetranychus arabicus 2569, 3492, 3498–3499, 4117
    Tribolium castaneum 1575, 3392, 4603, 5015
    T. confusum 2079
    T. madens 3392
    Trogoderma granarium 896
    pupation 2113
iation, infra-red
  ainst, *Rhyzopertha dominica* 1978
  sect responses to 68
  ot attractive to *Trichoplusia ni* 915
iation, microwave
  ainst
    Rhyzopertha dominica 1978
    Sitophilus oryzae 4860
  sect control using 256
iation, radiofrequency
  fects of, on, *Lymantria monacha* 3497
  sect control using 256
Radiation, ultraviolet
  effects of, on
    Conotrachelus nenuphar 2172
    Ephestia cautella 247
    Heliothis zea 247
    Nosema fumiferanae 3284
    Spodoptera frugiperda 247
Radish (*Raphanus sativus*)
  Brevicoryne brassicae on, in Ethiopia 1827
  chlordane in, residues of 4021
  dimethoate in, residues of 1634
  Hylemya brassicae on, in Ontario 606
  H. florilega on, in Ontario 606
  H. platura on
    in Ontario 606
    in Turkey 4444
  Lipaphis erysimi on, in China 5140
  Megaselia spp. on, in Libya 4324
  Murgantia histrionica on
    in North Carolina 4785
    resistance to 4785
  Myzus persicae on
    effects of 2350–2351
    in China 5140
    in West Bengal 3122
  Phyllotreta mashonana on, in Ethiopia 1827
  Plutella xylostella on, in Ethiopia 1827
***Radopholus similis*,** control of, nematicides for 5243
Ragwort (see *Senecio jacobaea*)
Rainfall, resistance of pesticide deposits to 3550
Raisins, pest control in, insecticides for 2405
raji, Longirostris
Ramie (see *Boehmeria nivea*)
ramulosa, Pardosa
***Ranunculus asiaticus*,** buttercup mosaic virus in, in India 4371
raoi, Dioryctria
rapae, Ceutorhynchus
rapae, Diaeretiella
rapae, Pieris
Rape (*Brassica napus* var. *oleifera*)
  Brevicoryne brassicae on
    in California 3762
    in Ethiopia 1827
  Ceutorhynchus spp. on, in Poland 634–635
  C. assimilis on
    in France 599
    in Poland 463
  Dasineura brassicae on, in France 599
  Hyadaphis erysimi on, in California 3762
  insect parasites on 840
  insecticides in, residues of 3762
  Meligethes spp. on
    assessing infestations of 2205
    in Poland 633
  M. aeneus on, in Sweden 4321

Rape *contd.*
  pest control on, effects on bees of 2805
  pests of, in Western Australia 2805
  Phyllotreta mashonana on, in Ethiopia 1827
  Plutella xylostella on, in Ethiopia 1827
Rape green petal, causal agent, in, *Euscelis plebeja,* transmission of 3225
Rape phyllody (*see* Rape green petal)
Raphidioptera, in Central Europe 4553
Raphidopalpa foveicollis (see *Aulacophora*)
Raphimetopus ablutellus
  in India 2302
  on *Sorghum halepense,* in Uttar Pradesh 2302
rapo, Tetrastichus
rarotongae, Atylana
Raspberry
  Amphorophora agathonica on, resistance to 4766
  Dolycoris baccarum on, in Norway 3504
  Emphytus calceatus on, in USSR 548
  Metallus pumilus on, in Netherlands 2313
  Oecanthus nigricornis on, damage caused by 3206
  Otiorhynchus singularis on, in UK 4195
  Thomasiniana theobaldi on, in Hungary 3716
Rastrococcus iceryoides
  biology of 191
  in India 191
  on *Hibiscus rosa-sinensis,* in Madhya Pradesh 191
  on mango, in Madhya Pradesh 191
Rats
  acaricides in, residues of 2487
  γ-BHC in, effects of 5258
  S-bioallethrin in, toxicity of 2484
  carbamates in, effects of 2472
  carbaryl in
    effects of 4538
    metabolism of 1649
  carbofuran in, toxicity of 2485
  chlordane in, residues of 2051
  dieldrin in
    effects of 2068
    metabolism of 1231
  dinobuton in, metabolism of 4538
  dinoseb in, metabolism of 4538
  fensulfothion in, toxicity of 5255
  Galecron in, effects of 2057
  insecticides in, effects of impurities on toxicity of 2067
  JH mimics in, metabolism of 4587
  kelevan in, toxicity of 3574
  mirex in, fate of 4967
  phosphamidon in, metabolism of 773
  photodieldrin in, toxicity of 3617
  pirimiphos-ethyl in, toxicity of 3924
  pyrethrins in
    effects of 2071
Rats *contd.*
  pyrethrins in *contd.*
    toxicity of 2071
      effects of drugs and synergists on 2489
  pyrethroids in, metabolism of 2047
  pyridafenthion in, metabolism of 2070, 4977
Rayon thread (*see* Yarns, rayon)
Rearing techniques
  Acanthoscelides obtectus 3057
  Acarus siro 409
  Acheta domesticus 1793, 4662
  Adoxophyes orana 3014
  Agromyzidae 4183
  Agrotis segetum 83, 411, 3561
  Alypia octomaculata 2803
  Anaphes flavipes 480
  Aonidiella aurantii 930, 5042
  Apanteles flavipes 3064
  Aphytis lingnanensis 1586
  A. melinus 1586
  Atherigona soccata 1053
  Bactra verutana 4649
  Bradysia impatiens 2199
  Bucculatrix thurberiella 3256
  Cacoecimorpha pronubana 933
  Cardiochiles nigriceps 3555
  Cecidomyiidae 4181–4182
  Coccidae 3058
  Collembola 80
  Costelytra zealandica 1441
  Cryptophlebia leucotreta 4669, 4814
  Cryptotermes havilandi 1602
  Cydia pomonella 79
  Dacus oleae 4161, 5047
  Dectes texanus 85
  Dysdercus fasciatus 4169
  Earias insulana 1141, 2196
  E. vittella 2196
  Ephestia cautella 3560
  E. kuehniella 2609
  Epiphyas postvittana 4663
  Eurygaster integriceps 2206
  Harrisina brillians 2803
  Heliothis armigera 4655
  Hylotrupes bajulus 4166
  Itoplectis conquisitor 350
  Labidura riparia 1843
  Listronotus oregonensis 3568
  Lixophaga diatraeae 4668
  Lobesia botrana 32
  Lygus lineolaris 3219
  Lymantria dispar 1351
  Mamestra brassicae 2603
  Monomorium pharaonis 4691
  Neoaplectana carpocapsae 728
  Nysius vinitor 4159
  Nythobia stellenboschensis 4719
  Ostrinia nubilalis 1353, 1795
  Pales pavida 2658
  Papilio protenor 3059

ring techniques *contd.*
  ardalaspis cyanescens 4664
  eridesmia discus 2194
  impla naranyae 2296
  lagiohammus spinipennis 4241
  lodia interpunctella 1778
  opillia japonica 4660
  sila rosae 1125
  teromalus puparum 410, 2203
  habdoscelus obscurus 1031
  hagoletis pomonella 3563
  hyzopertha dominica 86
  ciara auripila 486
  esamia nonagrioides 3556
  itotroga cerealella 2202
  podoptera littoralis 1141, 1790
  . litura 3622
  yrphidae 2606
  achinidae 4180
  hrips tabaci 82
  richogramma spp. 4502
  . cacoeciae 1792
  rypetidae 4184
  ryporyza incertulas 2207
  inthemia occidentis 1836
  iseana spp. 1355, 3554
  ood-boring insects 1169
  eiraphera diniana 1159
  enetic aspects of 1585
  athological problems with 2604
  elation of behaviour and 1350
cilia dorsalis
  n rice 4262
  adi jantan disease, causal agent in, not transmitted 3166
  enyakit merah virus in, not transmitted 3166
  ice orange leaf virus in, transmission of 3165
iprocaria, Ascotis selenaria
tifascia, Malacosoma
urvalis, Hymenia
curvaria leucatella
  ontrol of, insecticides for 1895
  n Bulgaria 1895
curvaria nanella
  n Hungary 1084
  n USSR 3723
  n pear, in Hungary 1084
l currant (*see* Currant, red)
ikorzevi, Bryobia (see *B. rubrioculus*)
luctase, desmosterol, in *Diatraea grandiosella,* inhibited by 20,25-diazacholesterol 4515
luctase, dihydrofolate (*see* Dehydrogenase, tetrahydrofolate)
eds, *Giraudiella inclusa* on, in Romania 490
ius, Dynaspidiotus
ularis, Nephus
maudierea plocamaphidis
  gen. et sp. n., description of 3428

Remaudierea plocamaphidis *contd.*
  in France 3428
remus, Telenomus
reniculella, Dioryctria (see *D. abietivorella*)
reniculelloides, Dioryctria
reniformis, Siteroptes
repanda, Coccinella
repetita, Cleora
Reserpine (*see* Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3β,16β,17α,18β,20α)-)
Resilin 4201
resinella, Petrova
Resmethrin ([5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)
  against
    Anthonomus grandis 771
    Attagenus megatoma 3369, 3998
    Ennomos subsignarius 1538
    Heliothis virescens 771
    Hemerocampa pseudotsugata 3994
    Lymantria dispar 1538
    Malacosoma californicum 804
    pests of stored products 772
    Pieris rapae 5143
    Plutella xylostella 5143
    Sitophilus granarius 3400
    Spodoptera eridania 771
    S. frugiperda 771
    Tetranychus urticae 771
    Tineola bisselliella 3369, 3998
    Tribolium castaneum 3400
    Trichoplusia ni 5143
  synergists for, piperonyl butoxide as 3400
  (1*R-cis*)-
    against
      Anthonomus grandis 771
      Heliothis virescens 771
      Hemerocampa pseudotsugata 3994
      Spodoptera eridania 771
      S. frugiperda 771
      Tetranychus urticae 771
(+)-*trans*-Resmethrin (*see* Bioresmethrin)
Resource management 3375
Respiratory metabolism, insecticide inhibition of 4568
Resseliella piceae
  in Czechoslovakia 5192
  on *Abies alba,* in Czechoslovakia 5192
reticulana, Adoxophyes (see *A. orana*)
reticulana, Capua (see *Adoxophyes orana*)
reticularis, Prionoplus
reticulatus, Trissolcus
Reticulitermes
  control of, attractant-mirex baits for 3965
  in Mississippi 3965

Reticulitermes flavipes
  activity of, effects of wood-destroying fungi on 1860
  foraging behaviour in 3143
  gut symbionts in
    effects of timber preservatives on 2272
    effects of wood extracts on 2272
  nitrogen fixation in 3669
  preyed on by, ants 114
Reticulitermes lucifugus
  Entomophthora destruens in, infectivity of 2442
  E. thaxteriana in, infectivity of 2442
  gut symbionts in
    effects of timber preservatives on 2272
    effects of wood extracts on 2272
  in France 4287
  on grape vine
    damage caused by 4287
    in France 4287
Reticulitermes lucifugus santonensis
  gut symbionts in
    effects of drugs on 2697
    effects of timber preservatives on 2272
    effects of wood extracts on 2272
  wood-plastic composites resistant to 4409
Reticulitermes santonensis (see *R. lucifugus santonensis*)
Réunion
  Chilo sacchariphagus in, on sugar-cane 5231
  Diaphorina citri in, on *Citrus* 1905
  Pardalaspis cyanescens in, on tomato 4664
  Polydesma umbricola in 5187
  Tephritidae in 5231
  Trioza erytreae in, on *Citrus* 1905
reuteri, Phytocoris
reversura, Atherigona
Reviews
  Bohlen, E., Crop pests in Tanzania and their control 1770
  Bradley, J.D.; Tremewan, W.G.; Smith, A., British Tortricoid moths. Cochylidae and Tortricidae: Tortricinae 987
  Brooks, G.T., Chlorinated insecticides. Volume 1. Technology and application 4519
  Carter, W., Insects in relation to plant disease. (ed. 2) 733
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  Clarke, K.U., The biology of the Arthropoda [En] 5262
  Cogan, B.H.; Smith, K.G.V., Insects. Instructions for collectors No. 4a (ed. 5) 3065

Reviews *contd.*
  Crowe, T.J.; Medhin, S.G., Crop pest handbook. A guide to the recognitio and control of the more important pests of field and plantation crops in Ethiopia. (Ed. 2 (Revised)) 1336
  Delattre, R., Pests and diseases in cotto growing. Phytosanitary handbook 2371
  Delfinado, M.D.; Hardy, D.E. (Editors), A catalog of the Diptera of the Oriental region. Volume I. Suborder Nematocera 90
  Diakonoff, A., The South Asiatic Olethreutini (Lepidoptera, Tortricida 1671
  Dixon, A.E.G., Biology of aphids [En] 5052
  Edwards, C.A., Persistent pesticides in t environment (ed. 2) 4974
  Entwistle, P.F., Pests of cocoa 651
  Feakin, S. D. (Editor), Pest control in groundnuts (ed. 3) 4341
  Ford, R.L.E., Studying insects. A practical guide 4196
  Gar, K.A., Insecticides in agriculture [R 5244
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    Residue Reviews (vol. 45) 1608
    Residue Reviews (vol. 46) 805
    Residue Reviews (vol. 47) 1628
    Residue Reviews (vol. 48) 2937
  Günther, K. K., The animals of Germa 61st part. Dust lice, Psocoptera 240
  Ingram, W.R.; Irving, N.S.; Roome, R.E A hand book on the control of agricultural pests in Botswana 2226
  Johnston, R.F.; Frank, P.W.; Michener, C.D. (Editors), Annual Review of Ecology and Systematics. Volume 3 902
  Jones, F.G.W.; Jones, M.G., Pests of fiel crops (ed. 2) 2630
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  Kostin, I.A., Dendrophagous beetles of Kazakhstan (Buprestidae, Cerambycidae, Scolytidae) 4394

ews *contd.*
yzhanovskiĭ, O.L.; Dantsig, E.M. (Editors), Insects and mites that are pests of agricultural crops 2628
mb, K.P., Economic entomology in the tropics 3091
wis, H.L., Butterflies of the world 1812
wis, T., Thrips, their biology, ecology and economic importance 942
ng, K.C., Rice virus diseases 136
we, A.D. (Editor), Perspectives in aphid biology 419
ani, M.S., Plant galls of India [En] 5048
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ant protection research annual 4436
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moser, W.S., The science of entomology [En] 2225
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runkova, Z.I., Tetranychid mites – pests of fruit crops in the Hissar valley of Tadzhikistan 1450
ıdararaj, N., et al., Design and analysis of field experiments [En] 77
ashliev, A.O. (Editor), The ecology of the insects of Turkmenia 1743
reherne, J.E.; Berridge, M.J.; Wigglesworth, V.B. (Editors), Advances in insect physiology. Volume 10 3459
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niversity of Agricultural Sciences, Bangalore, Plant protection manual 4498
an Rheenen, H.A., Major problems of growing sesame (*Sesamum indicum* L.) in Nigeria 4807

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  Varley, G.C.; Gradwell, G.R.; Hassell, M.P., Insect population ecology. An analytical approach 1767
  Vasil'ev, V.P. (Editor), Pests of agricultural crops and forest plantations. Volume 1. Injurious nematodes, molluscs and arthropods 3586
  Yaroshenko, M.F., The fauna and biology of the insects of Moldavia 3067
  Zakladnoĭ, G.A.; Ratanova, V.F., Pests of stored cereals and measures for their control 2889
  Zaslavskiĭ, V.A. (Editor), Host-parasite relationships in insects 465
reynoldsi, Telenomus
Rhabdionvirus oryctes
  in
    Oryctes rhinoceros
      and biological control using, in Fiji 4765
      pathogenicity of 3891
Rhabdoscelus obscurus
  biology of 1031
  on sugar-cane, resistance to 4736
  parasitised by, *Lixophaga sphenophori* 3137
  rearing of, techniques for 1031
Rhadinaphelenchus cocophilus (see also Coconut red-ring disease)
  in, *Rhynchophorus palmarum,* in Venezuela 5108–5109
Rhagium bifasciatum
  flight activity in 2857
  in Belgium 2857
Rhagium inquisitor, enzymes in 335
Rhagium mordax
  flight activity in 2857
  in Belgium 2857
Rhagoletis boycei
  in Mexico 313
  in USA 313
Rhagoletis cerasi
  biology of 155
  control of
    insecticides for 160, 3740
    traps for 4301
  emergence in
    prediction of 4303
    relation of insolation and 1904
  in Austria 1904
  in Bulgaria 3204
  in Czechoslovakia 1655
  in East Germany 160
  in France 3740
  in Romania 155
  in Switzerland 1655, 4303
  on cherry
    assessing infestations of 4301
    in Austria 1904
    in East Germany 160

Rhagoletis cerasi *contd.*
on cherry *contd.*
in France 3740
in Switzerland 4303
sterilisation of, γ-irradiation for 3204
traps for 4301, 4303
Rhagoletis cingulata
in USA 1896
on cherry, in USA 1896
Rhagoletis cingulata indifferens, taxonomy of, raised to specific rank 1896
Rhagoletis completa, on *Juglans,* in North America 313
Rhagoletis cornivora, oviposition in, preferred fruit sizes for 2162
Rhagoletis fausta
control of, bait-sprays for 2332
in USA 2332
on cherry, in Ohio 2332
Rhagoletis indifferens
baits for 4654
in Canada 1896, 4654
in USA 1896
on cherry
in British Columbia 4654
in USA 1896
taxonomy of, raised from subspecies of *R. cingulata* 1896
traps for 4654
Rhagoletis juglandis, on *Juglans,* in North America 313
Rhagoletis mendax, oviposition in, preferred fruit sizes for 2162
Rhagoletis pomonella
attraction of
to apples 2775
to spheres 2608
courtship in 1321
diapause in 3563
fecundity in 3512
histology of 3448
in Canada 934, 1655, 2328, 3732
in USA 1321, 2775
on apple
in Ontario 3732
in Quebec 934, 2328
in Wisconsin 1321
on *Prunus cerasus,* in Wisconsin 1321
oviposition in, preferred fruit sizes for 2162
rearing of, techniques for 3563
traps for 934, 3557
Rhagoletis suavis, on *Juglans,* in North America 313
Rhagoletis zephyria, oviposition in, preferred fruit sizes for 2162
Rhagoletis zoqui, in Mexico 313
Rhamnitol (*see* Mannitol, 1-deoxy-)
L-rhamnose (*see* L-Mannose, 6-deoxy-)
Rhaphanus sativus (see Radish)
Rhaphidioidea, preying on, *Nuculaspis californica,* in USA 3820

rhediella, Pammene
Rheumaptera hastata
descriptions of 296
food-plants of 296
in Canada 296
in USA 296
Rheumaptera subhastata
descriptions of 296
food-plants of 296
in Canada 296
in USA 296
Rhimphoctona alaskensis (see *Pyracmon*)
rhinoceros, Oryctes
Rhinoleucophenga obesa
in Brazil 1032
parasitised by
Desantisella trifasciata, in Brazil 10
Thysanus maximus, in Brazil 1032
preying on, *Aclerda campinensis,* in Br
1032
Rhizobium
in
Trifolium alexandrinum, effects of insecticides on 4014
Vicia faba, effects of insecticides on 4014
Rhizobius pulchellus
biology of 2764
in New Caledonia 2764
in New Hebrides 2764
preying on
Aspidiotus destructor, in New Hebrid
2764
A. nerii, in New Caledonia 2764
Aulacaspis tubercularis, in New Hebrides 2764
Chrysomphalus aonidum, in New Caledonia 2764
Lepidosaphes beckii, in New Caledon
2764
Pseudaonidia trilobitiformis, in New Caledonia 2764
Pseudaulacaspis pentagona, in New Caledonia 2764
taxonomy of, misidentified as *Lindorus lophanthae* 2764
Rhizoecus americanus
control of, insecticides for 3812
in USA 3812
on ornamental plants, in Florida 3812
Rhizoecus cacticans
control of, insecticides for 1147
in Belgium 1147
on *Hedera canariensis,* in Belgium 114
Rhizoglyphus callae
in Taiwan 207
in shallots, in Taiwan 207
preyed on by, *Lasioseius martini,* in Taiwan 207
Rhizoglyphus echinopus
alimentary canal in 977

oglyphus echinopus *contd.*
  velopment in, effects of medicinal herb
    extracts on 967
  India 938
  Taiwan 207
  USSR 1130
  potatoes, in India 938
  shallots, in Taiwan 207
  tulip bulbs, damage caused by 3307
  onion, in Buryatia 1130
  eyed on by, *Lasioseius martini,* in
    Taiwan 207
ophagus cribratus, in USSR 3955
ophagus depressus, in USSR 3955
ophagus dimidiatus
  tractants for 5199
  Canada 5199
ophagus dispar, in USSR 3955
ophagus grandis
  USSR 3830
  eying on, *Dendroctonus micans,* in
    Georgia (USSR) 3830
ophora mangle, Poecilips rhizophorae
  n, in Florida 2593
ophorae, Poecilips
de Island
  ercenaria mercenaria in, pesticide
    residues in 2493
  hyacionia frustrana in, on *Pinus* 1962
desia
  icadulina mbila in, on maize 4254
  parazeae in, on maize 4254
  storeyi in, on maize 4254
  etaphycus spp. in 314
  uadraspidiotus perniciosus in 2972
  rioza erytreae in
    natural enemies of 999, 3257
    on *Citrus* 999, 3257
  heat in, pests of 4742
dnius prolixus
  venile hormone analogues in, activity of
    2562
  percooling of 3628
docide (*see* Ethion)
docleptria incarnata, in Israel 5040
dococcus turanicus
  USSR 572
  apricot, in Kazakhstan 572
  arasitised by
    Blastothrix britannica, in Kazakhstan
      572
    Coccophagus lycimnia, in Kazakhstan
      572
dodendron
  ieberiella florii on, in Oregon 4612
  asonaphis lambersi on, in Netherlands
    2379
dophaea advenella (see *Eurhodope*)
dosticta, Oncideres
is, Blepharida
mboidalis, Ischnus

Rhombosolea plebeia, DDT in, residues of,
  in New Zealand 2490
Rhopalicus pulchripennis
  in USA 4231
  parasitising, *Ips paraconfusus,* in
    California 4231
Rhopalocera
  in Kazakhstan 2624
  literature on
    in Canada 4638
    in USA 4638
Rhopalomyia hirtipes
  in USA 5175
  on *Solidago juncea,* in New York 5175
Rhopaloscelis bifasciatus
  biology of 3829
  in USSR 3829
Rhopaloscelis unifasciatus
  biology of 3829
  in USSR 3829
Rhopalosiphum, in Egypt 3648
Rhopalosiphum insertum
  biology of 1028
  control of 556, 1028
    insecticides for 3200
  flight activity in 4186
  food-plants of, selection of 375
  in UK 1028, 3200, 4186–4187
  landing response in 4187
  on apple, in UK 3200
  traps for 4186
Rhopalosiphum maidis
  abaca mosaic virus in, transmission of
    1945
  barley yellow-dwarf virus in, transmission
    of 1561
  biology of 1028
  control of 1028
    insecticides for 140, 1873–1874
  in Australia 4276
  in Bulgaria 140
  in Canada 128
  in Chile 3156
  in Romania 1128
  in UK 1028, 4187
  in USA 1873–1874, 5072
  in potato-fields, in Romania 1128
  landing response in 4187
  oat red-leaf virus in, transmission of
    1409
  on maize
    damage caused by 128
    in Egypt 3648
    in Minnesota 5072
    in Ontario 128
    resistance to 264
  on sorghum
    in Bulgaria 140
    in Queensland 4276
    in Texas 1873–1874
  on wheat, in Chile 3156
  parasitised by, *Aphelinus asychis* 2671

Rhopalosiphum maidis *contd.*
- preyed on by
  - *Blaptostethus piceus,* in Egypt 3648
  - Chrysopidae, in Minnesota 5072
- sugar-cane mosaic virus in, transmission of 2283

Rhopalosiphum nymphaeae, control of, plant extracts for 2936

***Rhopalosiphum oxyacanthae* auct.** (see *R. insertum*)

Rhopalosiphum padi
- barley yellow-dwarf virus in, transmission of 1561
- biology of 1028
  - effects of food-plant on 492
- control of 1028
  - insecticides for 124
- development in 2174
- fecundity in 2174
- flight activity in 4186
- food-plant preferences of 1863
- in Australia 4276
- in Chile 3156
- in New Zealand 4560
- in Switzerland 3190
- in UK 1028, 2287, 3677, 4186–4187
- in West Germany 124
- landing response in 4187
- mortality in 2174
- oat red-leaf virus in, transmission of 1409
- on apricot, in Switzerland 3190
- on barley, in West Germany 124
- on maize
  - in New Zealand 4560
  - in West Germany 124
- on oats, in West Germany 124
- on peach, in Switzerland 3190
- on plum, in Switzerland 3190
- on rye, in West Germany 124
- on sorghum, in Queensland 4276
- on wheat
  - in Chile 3156
  - in West Germany 124
- overwintering in 3677
- parasitised by, *Monoctonus paulensis* 1378
- preyed on by, *Adalia bipunctata* 1001
- traps for 4186
- turnip mosaic virus in, transmission of 3306
- watermelon mosaic virus in, transmission of 735

Rhopalus maculatus
- in Japan 1868
- on rice, in Japan 1868

Rhopobota naevana
- in China 5125
- in Netherlands 5124
- larval mandibles in 5124
- on apple
  - in China 5125

Rhopobota naevana *contd.*
- on apple *contd.*
  - in Netherlands 5124

rhothia, Strepsicrates

Rhyacia c-nigrum (see *Xestia*)

Rhyacionia buoliana
- biology of 677
- control of
  - biological 813
  - insecticides for 679
  - sterile-insect release for 5193
- flight activity in 1156
- in Canada 3271
- in Denmark 1165, 1965–1967
- in France 678
- in Spain 677, 679
- in USA 3271, 5193
- in West Germany 3823
- natural enemies of 2871
- on *Pinus*
  - forecasting infestations of 1210
  - in Denmark 1966–1967
  - in Mediterranean region 667
  - in Spain 679
  - in Washington 5193
- on *Pinus contorta* 3271
  - in Denmark 1165, 1965
- on *Pinus ponderosa* 3271
- on *Pinus sylvestris*
  - in France 678
  - in Spain 677
  - in West Germany 3823
- outbreaks of, in Denmark 1966–1967
- parasites of
  - in Denmark 1165
  - in France 678
- parasitised by, *Orgilus obscurator,* in France 678
- sex pheromone of, responses to 3823
- sterilisation of
  - chemosterilants for 5193
  - γ-irradiation for 5193

Rhyacionia frustrana
- control of, insecticides for 1962
- in Honduras 3264
- in Nicaragua 3264
- in USA 1962, 4843
- on *Pinus caribaea,* in Nicaragua 3264
- on *Pinus echinata*
  - damage caused by 4843
  - in Georgia (USA) 4843
- on *Pinus oocarpa,* in Honduras 3264
- on *Pinus thunbergii,* in Rhode Island 1962
- parasitised by
  - *Elachertus* spp., in Honduras 3264
  - *Eurytoma* spp., in Honduras 3264
  - *Spilochalcis* spp., in Nicaragua 3264

Rhyacionia neomexicana
- in USA 4562
- pupae of, distinguishing sexes of 4562

Rhyncaphytoptidae, sperm storage in 212

- ***yncaphytoptus ficifoliae***
  - n Egypt 1337
  - on fig, in Egypt 1337
- ***ynchaenus fagi***
  - light activity in 4622
  - n West Germany 4622
- ***ynchites auratus***
  - n USSR 170
  - on apple, in Kazakhstan 170
- ***ynchocoris humeralis***
  - control of 577
  - n India 577
  - on *Citrus*
    - damage caused by 577
    - in Uttar Pradesh 577
- ***ynchophori, Rhynchopolipus,*** (*Tetrapolipus*)
- ***ynchophorus bilineatus***
  - n Papua New Guinea 4144
  - on coconut, in Papua New Guinea 4144
- ***ynchophorus palmarum***
  - control of, traps for 5109
  - n Brazil 862
  - n Nicaragua 862
  - n Panama 862
  - n Venezuela 5108–5109
  - on coconut, in Venezuela 5108–5109
  - parasitised by
    - *Rhynchopolipus rhynchophori*
      - in Brazil 862
      - in Nicaragua 862
      - in Panama 862
  - *Rhadinaphelenchus cocophilus* in, in Venezuela 5108–5109
- ***ynchopolipus,*** gen. n., erected for *Tetrapolipus rhynchophori* 862
- ***ynchopolipus rhynchophori***
  - n Brazil 862
  - n Nicaragua 862
  - n Panama 862
  - parasitising
    - *Rhynchophorus palmarum*
      - in Brazil 862
      - in Nicaragua 862
      - in Panama 862
  - taxonomy of, transferred from *Tetrapolipus* 862
- ***yparochromus sordidus*** (see *Elasmolomus*)
- ***yssa persuasoria***
  - fungi in, in Belgium 458
  - n Belgium 458
  - parasitising, Siricidae, in Belgium 458
- ***yssella approximator***
  - fungi in, in Belgium 458
  - n Belgium 458
  - parasitising, Siricidae, in Belgium 458
- ***yssella obliterata***
  - fungi in, in Belgium 458
  - n Belgium 458
  - parasitising, Siricidae, in Belgium 458
- ***Rhyssemus goudeti***
  - flight activity in 376
  - in Egypt 376
- ***Rhytidoponera metallica*** (see *Chalcoponera*)
- ***Rhytinota,*** karyotype and sex-mechanism in 3013
- ***Rhyzopertha dominica***
  - control of
    - antifeedants for 2874
    - fumigants for 1987, 4490
    - hardwood tar oil for 3403
    - inert materials for 4592
    - infra-red irradiation for 1978
    - insecticides for 2404, 2481, 2484
    - γ-irradiation for 1978, 1980, 5210
    - juvenile hormone analogues for 2873
    - microwave irradiation for 1978
  - humidity responses in 4632
  - in Australia 2888
  - in USA 2404
  - in *Azadirachta indica* kernels, damage caused by 4408
  - in *Hibiscus cannabinus* seeds, unable to develop 2425
  - in stored barley, damage caused by 4404
  - in stored rice 1986
    - damage caused by 4404
    - resistance to 1553
  - in stored wheat, damage caused by 4404
  - light responses in 4632
  - mortality in, effects of γ-irradiation on 3017
  - rearing of, techniques for 86
  - reproductive potential of, effects of γ-irradiation on 3017
- ***ribeana, Pandemis*** (see *P. cerasana*)
- ***Ribes nigrum*** (see Currant, black)
- ***Ribes ussuriense, Cecidophyopsis ribis*** on, resistance to 549
- ***ribesiae, Pulvinaria***
- ***ribesii, Nematus,*** (*Pteronidea*)
- ***ribesii, Syrphus***
- ***ribis, Cecidophyopsis,*** (*Phytoptus*)
- ***ribis, Cryptomyzus***
- ***ribisnigri, Nasonovia***
- **Ribitol,** in *Anthonomus grandis,* metabolite of D-ribose 4082
- **RiBLuRe** (*see* 11-Tetradecen-1-ol, acetate, (*Z*)-)
- **Riboflavin,** in *Itoplectis conquisitor,* dietary requirement for 350
- **Ribonucleic acids**
  - in *Anthonomus grandis,* incorporation of uric acid into 4080
  - in *Dendroctonus pseudotsugae,* role in yolk deposition of 2987
  - in *Drosophila melanogaster,* actinomycin C inhibiting synthesis of 2467
  - in *Eriophyes kuko* galls on *Lycium chinense* 2825
  - in *Eurygaster integriceps* corpus allatum, parasite inhibiting synthesis of 1017

Ribonucleic acids *contd.*
- in *Galleria mellonella* c.n.s. 916
- in *Heliothis zea, Bacillus thuringiensis* β-exotoxin inhibiting synthesis of 3341
- in nonocclusion viruses 5213
- in *Trichoplusia ni, Bacillus thuringiensis* β-exotoxin inhibiting synthesis of 3338

Ribonucleoproteins, in *Tenebrio molitor* JH receptor sites 4590

D-ribose
- in *Anthonomus grandis,* metabolised to ribitol 4082
- in *Teleogryllus commodus,* egg-shell permeability to 1817

Rice (*Oryza sativa*)
- *Agromyza oryzae* on, in Soviet Far East 2731
- *Amsacta moorei* on 2111
- *Atherigona oryzae* on, in Madhya Pradesh 1045
- breeding of 4258–4259
- *Chilo* spp. on, in Bangladesh 3697
- *C. agamemnon* on, in Egypt 1422–1424, 1449, 2294, 4269
- *C. auricilius* on, in Burma 135
- *C. suppressalis* on
  - in Japan 520, 3372, 4676
  - in Spain 4015
  - in Taiwan 525
  - resistance to 4260
- Chironomidae on, in France 3761
- *Chironomus* spp. on
  - in Egypt 2295, 2728–2729, 4748
  - in Ukraine 3694
- *Chlorops oryzae* on
  - in Japan 4676, 4749, 4752
  - resistance to 2740
- *Cloethrips oryzae* on, in South Korea 993
- *Cnaphalocrocis medinalis* on
  - in Kerala 3168
  - in Madhya Pradesh 3169
- diazinon in, metabolism of 4009
- *Dicladispa armigera* on
  - in Andhra Pradesh 4263
  - in India 4265
  - in West Bengal 4263
- dimethoate in
  - systemic activity of 778
  - toxicity of 778
- *Diopsis thoracica* on, in Ghana 5099
- endrin in
  - effects on pollen of 2737
  - residues of 2942
- *Ephydra macellaria* on
  - in Egypt 2728, 4748
  - in Ukraine 3694
- *Erythroneura truncata* on, in Bangladesh 4049
- *Euproctis xanthorrhoea* on, in Jammu 2733

Rice *contd.*
- *Exitianus occidentalis* on, in Ghana 2736
- Heteroptera on, in Japan 1868–1870
- *Homorocoryphus nitidulus* on, in USSR 5097
- *Hydrellia* spp. on
  - in Egypt 1449, 2735
  - resistance to 1449
- *H. griseola* on
  - in Soviet Far East 2731
  - in Ukraine 3694
- *H. philippina* on
  - in Philippines 524, 523–524
  - resistance to 4260
- insecticides in, toxicity of 2735, 4269
- *Laodelphax striatella* on, in Japan 521, 920, 2427–2428, 4676
- Lepidoptera on, in India 2299
- Lepidopterous stem-borers on, in West Africa 2703
- *Leptocorisa acuta* on, in New Guinea 4144
- *L. oratoria* on, in New Guinea 4144
- *L. solomonensis* on, in New Guinea 4144
- losses of, in India 138
- *Machaeropsis qamari* on, in Bangladesh 2981
- *Mycalesis gotama* on, in Japan 3372
- *Mythimna separata* on, in Orissa 5094
- *Nephotettix* spp. on
  - in India 3164
  - resistance to 4258
- *N. cincticeps* on, in Japan 367, 521, 920, 932, 3372, 5096
- *N. virescens* on
  - in India 4263
  - in Malaysia 3163, 3166, 4271
  - resistance to 4260–4261
- *Nezara viridula* on, in Malaysia 4750
- *Nilaparvata lugens* on
  - in Japan 3372
  - resistance to 1425, 4258, 4260
- *Nymphula depunctalis* on
  - in Kerala 1871
  - in Uttar Pradesh 5098
- *Oebalus poecilus* on, in Brazil 2298
- *Pachydiplosis oryzae* on
  - in Bangladesh 3699
  - in India 138, 312, 3164, 4263–4264
  - in Madhya Pradesh 3700
  - in Sri Lanka 312
  - resistance to 4259, 4261
- padi jantan disease, causal agent in, in Malaysia 3163
- parathion in, effects on pollen of 2737
- pest control on
  - in Australia 4754
  - in Japan 139, 2730
  - in Philippines 1872
  - in Sri Lanka 4755

ce *contd.*
- pests of
  - effects of fertilizer use on 1600
  - in Ghana 5099
  - in India 4268
  - in Japan 4268
- rice stripe virus in, in Japan 2427–2428
- *Scirpophaga excerptalis* on, in Pakistan 4270
- *Sesamia calamistis* on, in Mozambique 491
- *S. inferens* on
  - in Burma 135
  - in Pakistan 4270
  - resistance to 4260
- *Sogata* spp. on, in India 3164
- *Sogatella furcifera* on
  - in Japan 521, 920
  - in Madhya Pradesh 4263
  - resistance to 4260
- *Sogatodes orizicola* on, in Peru 4273
- *Spodoptera compta* on 5095
  - in Orissa 5094
- *S. frugiperda* on, in Guyana 3167
- Tettigoniidae on, in Japan 522
- *Tryporyza incertulas* on
  - in Bangladesh 3697
  - in Burma 135
  - in Egypt 1422–1424, 1449, 4269
  - in India 138, 4264
  - in Indonesia 3701
  - in Java 1426
  - in Kerala 2738
  - in Pakistan 4270
  - in Philippines 524
  - resistance to 4260
- *T. innotata* on
  - in Java 1426
  - in Pakistan 4270
  - resistance to 4260
- tungro virus in, localisation of 2739
- virus diseases of 136
  - control of 516
  - insect vectors of 137

ce black-streaked dwarf virus
- in, *Laodelphax striatella*, transmission of 2892
- maize rough dwarf virus, relation of, and 2892

ce dwarf virus, in, *Nephotettix cincticeps*, models for transmission of 2297

ce-fields
- diazinon in, microbial degradation of 1620
- insects associated with, in Japan 920
- spiders in, in Taiwan 4722

ce grassy stunt virus, in, *Nilaparvata lugens*, transmission of 3165

ce orange leaf virus, in, *Recilia dorsalis*, transmission of 3165

Rice padi jantan disease
- causal agent
  - in
    - *Nephotettix nigropictus*, not transmitted 3166
    - *N. virescens*
      - in Malaysia 3163, 4271
      - transmission of 3166, 4271
    - *Recilia dorsalis*, not transmitted 3166
    - rice, in Malaysia 3163
    - *Scotinophara coarctata*, not transmitted 3166
    - *Sogatella furcifera*, not transmitted 3166
    - *Tettigella spectra*, not transmitted 3166
  - mycoplasma-like organism implicated as 3163
- similarity of rice yellow dwarf disease and 3163, 4271

Rice penyakit merah virus
- considered to be the same as rice tungro virus 3696
- in
  - *Nephotettix nigropictus*, not transmitted 3166
  - *N. virescens*, transmission of 3166, 3696
  - *Recilia dorsalis*, not transmitted 3166
  - *Scotinophara coarctata*, not transmitted 3166
  - *Sogatella furcifera*, not transmitted 3166
  - *Tettigella spectra*, not transmitted 3166

Rice (stored grain)
- BHC in, residues of 3698
- bromomethane in, toxicity of 2416
- dichlorvos in, residues of 1985
- pest control in 1986
  - malathion for 1983
- pests of 1986
  - in Malaysia 2420
  - in Turkey 4488
- *Rhyzopertha dominica* in, resistance to 1553
- *Sitophilus granarius* in, varietal preferences of 4859
- *S. oryzae* in, varietal preferences of 4859
- *Sitotroga cerealella* in, varietal preferences of 3299
- storage of, in Ghana 3853
- tetrachlorvinphos in, residues of 1985

Rice straw, BHC in, residues of 3698

Rice stripe virus
- in
  - *Laodelphax striatella*, in Japan 134, 2427–2428
  - rice, in Japan 2427–2428

Rice tungro virus
considered to be the same as rice penyakit merah virus 3696
control of, by vector control 4267
in
Nephotettix nigropictus, transmission of 4266
N. virescens
in Bihar 4263
in Uttar Pradesh 4263
in West Bengal 4263
transmission of 4266
rice, localisation of 2739
Rice yellow dwarf disease
causal agent
in
Nephotettix cincticeps, transmission of 4751
N. nigropictus, transmission of 3165, 4266
N. virescens, transmission of 3165, 4266
control of, antibiotics for 4751
similarity of padi jantan disease and 3163, 4271
richteri, Solenopsis
ricini, Asphondylia
ricini, Pericallia
ricini, Taylorilygus
ricini, Trialeurodes
Ricinus communis (castor)
Agrotis ipsilon on, development of 4095, 4120
Amsacta moorei on 2111
Euproctis lunata on, in Rajasthan 636
Heliothis armigera on, feeding preferences of 3760
Orgyia mixta on, in Angola 2147
pests of
in Mozambique 2826
in Uttar Pradesh 3296
Spodoptera littoralis on 646
in Egypt 1372
insecticide susceptibility of 3395
S. litura on, rearing of 3622
Tetranychus cucurbitacearum on, feeding preferences of 2343
Rickettsiella, in, *Amyelois transitella,* development of 3890
Rickettsiella eurygasteris
in
Eurygaster integriceps
in Crimea 2019
pathogenicity of 2019
Rickettsiella melolonthae
in
Melolontha melolontha, effects of 1574
Melolontha melolontha 3323
resistance to biocides in 739
riegeli, Phytoseiulus (see *P. persimilis*)
riehmi, Therioaphis
rileyi, Eulachnus
rileyi, Sathrobrota
ringoniella, Phyllonorycter, (*Lithocolletis*)
riparia, Labidura
Riptortus linearis
in India 2228
in Indonesia 2228
in Malaysia 2228
in Philippines 2228
on soy bean, in Jabalpur 2228
ritchiei, Achrysocharis
rivillei, Antispila
RNA (*see* Ribonucleic acids)
RNA polymerase (*see* Nucleotidyltransferase, ribonucleate)
RNase (*see* Nuclease, hybrid ribo-)
Ro 6-9550 (*see* 2,6-Nonadienoic acid, 7-ethyl-9-(3-ethyl-3-methyloxiranyl)-3-methyl-, methyl ester)
Ro 7-9767 (*see* 1,3-Benzodioxole, 5-[[3-ethyl-5-(3-ethyl-3-methyloxiranyl)-2-pentenyl]oxy]-)
Ro 8-4314 (*see* 2,6-Nonadienoic acid, 3,7-dimethyl-9-(trimethyloxiranyl)-, ethyl ester)
1588
Ro 8-5497 (*see* Oxirane, 3-[3,7-dimethyl-9-(2-propynyloxy)-3,7-nonadienyl]-2-ethyl-2-methyl-)
Ro 20-3600 (*see* 1,3-Benzodioxole, 5-[[5-(3-ethyl-3-methyloxiranyl)-3-methyl-2-pentenyl]oxy]-, (*E*)-)
474
1588
robertsi, Gyroptera
robertsi, Malacosoma
Robinia pseudacacia **(timber),** *Lyctus linear*
in, in Italy 1555
robiniae, Prionoxystus
robusta, Chrysocharis
robusta, Hypsipyla
Rock phosphate, against, *Sitophilus oryzae* 4592
rockburnei, Euxoa
roddi, Bruchophagus, (*Eurytoma*)
Rodents, pesticides in, residues of 1646
Rodocide (*see* Ethion)
Rodolia, preying on, *Icerya purchasi,* and biological control using, in USSR 1883
Rodolia cardinalis
biology of 1584, 3659
in Kenya 3650
in South Africa 3650
in USA 1584
preying on
Icerya purchasi 3659
and biological control using, in Kenya 3650
in California 1584
Selenaspidus articulatus, in Kenya 3650
Rodolia fumida, in India 1012

odolia ruficollis
- in Pakistan 3123
- preying on, *Icerya aegyptiaca,* in Pakistan 3123

oepkea bakeri (see *Anuraphis*)

ogas dendrolimi
- in USSR 1151
- parasitising, *Dendrolimus superans,* in USSR 1151

ogas dimidiatus
- biology of 1831
- hosts of 1831
- in USSR 994, 5085
- parasitising
  - *Agrotis segetum,* in Turkmenia 994
  - *Hadena sordida,* in Kazakhstan 5085

ogas nolophanae
- in USA 148
- parasitising, *Plathypena scabra,* in Iowa 148

ogas pellucens
- biology of 1831
- hosts of 1831
- in USSR 1830
- parasitising
  - *Agrotis segetum,* in Turkmenia 1830
  - *Spodoptera exigua,* in Turkmenia 1830

ogas testaceus
- biology of 1831
- hosts of 1831
- in USSR 1830
- parasitising, *Tephrina arenacearia,* in Turkmenia 1830

gersii, Acyrthosiphon pelargonii

ogor (*see* Dimethoate)

olitetracycline, in *Hyadaphis erysimi,* effects on fertility of 1480

omalea microptera, walking in 3520

omania
- *Abies alba* in, pests of 690
- *Anthonomus pomorum* in 155
  - on apple 1209, 3728, 3734
- aphids in
  - on forest trees 4845
  - on potato 1128
- *Archips xylosteanus* in, on *Quercus* 693
- Asilidae in 2676
- Cecidomyiidae in 4153
- Coccinellidae in 404
- *Cryptocephalus* spp. in 4540
- *Cydia delineana* in, on *Cannabis sativa* 1946
- *C. pomonella* in 155
  - on apple 3728, 3734
- Diptera in, on grain crops 2282
- *Eurygaster* spp. in
  - natural enemies of 4705
  - on grain crops 1203, 5233
  - on wheat 4705, 4737
- *Eutromula pariana* in, on apple 4776
- *Giraudiella inclusa* in, on reeds 490
- *Haplothrips tritici* in, on wheat 1036

Romania *contd.*
- *Hoplocampa minuta* in 155
  - on plum 3728
- *Hyphantria cunea* in
  - on apple 156
  - on mulberry 156
  - on plum 156
- *Leptinotarsa decemlineata* in, on potato 4001
- *Mahonia aquifolium* in, pests of 663
- *Mamestra brassicae* in 193
  - on cabbage 3768
- mining insects in 4833
- *Ostrinia nubilalis* in 131
  - on maize 3936
- *Perotis lugubris* in, on fruit trees 1081
- pest control in 5227
- *Rhagoletis cerasi* in 155
- *Schizaphis graminum* in, on sorghum 141, 3703
- *Sitona callosus* in, on *Onobrychis viciifolia* 149
- *Tanymecus dilaticollis* in, on maize 130, 2293, 3931
- *Tarsonemus pallidus* in, on strawberry 1073
- *Tortrix viridana* in, on *Quercus* 693
- *Trioza nigricornis* in, on potato 1128

Ronnel (*see* Fenchlorphos)

rorellus, Yponomeuta

Rosa, *Agistemus exsertus* on, in Egypt 540

rosa, Ceratitis, (*Pterandrus*)

Rosa damascena
- *Arge ochropus* on, in Bulgaria 487
- *Athalia cordata* on, in Bulgaria 487
- *Eulecanium* spp. on, in Turkey 2699
- *Macrosiphum rosaeiformis* on, in Punjab 4368
- pests of, in Bulgaria 1926

Rosa dilecta, *Tetranychus urticae* on 91

Rosa indica
- *Dialeurodes dothioensis* on, in Pakistan 3543
- *Icerya aegyptiaca* on, in Pakistan 3123

Rosaceae, *Canephora unicolor* on, in Italy 4728

rosaceana, Choristoneura

rosae, Macrosiphum

rosae, Psila

rosaeiformis, Macrosiphum

rosanus, Archips, (*Cacoecia*)

Rose
- *Chiloloba acuta* on, in Rajasthan 2224
- *Cladius pectinicornis* on, in USSR 548
- *Emphytus cinctus* on, in USSR 548
- *Haplothrips chinensis* on, in South Korea 2586
- *Macrosiphum rosae* on
  - in Finland 4914
  - in New South Wales 4192
  - in New Zealand 4560
- *M. rosaeiformis* on, in Punjab 4368

Rose *contd.*
  Oecanthus nigricornis on, damage caused by 3206
  Orgyia mixta on, in Angola 2147
  Tetranychus urticae on
    in Brazil 3811
    in England 2376
  Thrips hawaiiensis on, in South Korea 2586
Rose-apple (see *Syzygium jambas*)
Rose, oil-bearing (see *Rosa damascena*)
roseigallis, Adelges, (*Sacciphantes*)
Roselle (*Hibiscus sabdariffa*)
  Earias insulana on, in Egypt 4191
  Maconellicoccus hirsutus on
    in Bihar 4808
    in West Bengal 5154
Rospin (*see* Chloropropylate)
Rospine (*see* Chloropropylate)
rossica, Exorista
rostrata, Aelia
rostrata, Hypocala
Rotenone (*see also* Derris)
  determination of 1343
  photodecomposition of 3981
Rothschildia aroma
  in El Salvador 1578, 4916
  on *Spondias,* in El Salvador 1578
  parasites of, effects of insecticides on 1578, 4916
  parasitised by, *Belvosia nigrifrons,* in El Salvador 1578
rotundata, Megachile
rotundipennis, Lasiopsylla
Rotylenchus, control of, nematicides for 5243
routensis, Pediobius
Roxion (*see* Dimethoate)
***Roystonea regia* (stored nuts),**
  bromomethane in, residues of 4016
RU-11679 (*see* Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1*R-trans*)-)
Rubber, ethylene-propene, termite resistance in 4410
rubecula, Apanteles
rubens, Ceroplastes
rubens, Meteorus
ruber, Deraeocoris
rubi, Macrolophus
rubini, Amblyseius
rubra, Leptura
rubra, Myrmica
rubriceps, Altermetoponia, (*Inopus*)
rubrifrons, Ceromasia
rubrioculus, Bryobia
rubripes, Meligethes (see *M. fulvipes*)
rubropilosa, Atta sexdens
Rubus, sawflies on, in USSR 548
Rubus grossularia (see Gooseberry)
Rubus nigrum (see Currant, black)
rudis, Coelichneumon
rudis, Pollenia
rufa, Formica
rufa, Proxylocopa
rufa, Vespula
rufata, Apechthis
rufibarbis, Formica
ruficollis, Ephialtes, (*Eremochila*)
ruficollis, Rodolia
ruficornis, Cerotoma
ruficornis, Grammoptera
rufifrons, Cybocephalus
rufifrons, Pseudogonia
rufilabris, Chrysopa
rufimanus, Bruchus
rufimitrana, Zeiraphera
rufimitranae, Trieces
rufipennis, Dendroctonus
rufipes, Agathis, (*Microdus*)
rufipes, Bruchus
rufipes, Harpalus, (*Ophonus*)
rufipes, Hylastes, (*Hylurgopinus*)
rufipes, Necrobia
rufipes, Nythobia, (*Angitia*)
rufipes, Phytomyza
rufivena, Dundubia
rufobrunnea, Oncopera
rufocuprea, Anomala
rufofusca, Jadera
rufula, Schizaphis
rufulum, Parthenolecanium
rufulus, Enaphalodes
rugicollis, Minthea
rugifrons, Otiorhynchus
ruginodis, Myrmica
rugosifrons, Fidiobia
rugosostriatus, Otiorhynchus
rugosus, Pogononyrmex barbatus
rugulipennis, Lygus
rugulosus, Ceutorhynchus
rugulosus, Scolytus
Rukmanjni (see *Lagerstroemia indica*)
Rumex altissimus
  Hypera eximia on
    in Canada 3531
    In USA 3531
Rumex obtusifolius, *Pegomya nigritarsis* on, in Netherlands 2277
Rumex verticillatus, *Hypera paludicola* on, in Missouri 3531
rumicis, Acronicta, (*Apatele*)
rumicis, Hypera
Rungsia maydis, parasitised by, *Aphelinus asychis* 908
rusci, Ceroplastes
rusticella, Monopis
rusticus, Arhopalus, (*Criocephalus*)
rusticus, Xylotrechus
Rutabaga (*see* Swede)
Rutamycin, in pea, aiding penetration of γ-BHC into roots 4010
Ryania, against, pests of apple 1087

Rye (*Secale cereale*)
  Acyrthosiphon dirhodum on, in West Germany 124
  Apamea sordens on, in Poland 3581
  leafhoppers on, in Finland 5084
  Limothrips denticornis on, in Finland 2704
  Macrosiphum avenae on, in West Germany 124
  Rhopalosiphum padi on, in West Germany 124
Rye straw ash, in *Lymantria dispar,* effects of 1536
sabaudus, Stenopogon
sabuleti, Myrmica
sabulifera, Anomis
sabulosum, Opatrum
Sacadodes pyralis
  in Colombia 1928
  on cotton, in Colombia 1928
  parasitised by, *Trichogramma* spp., and biological control using, in Colombia 1928
saccharalis, Diatraea
Saccharase (*see* Fructofuranosidase, β-)
saccharella, Dicranoctetes
sacchari, Longiunguis
sacchari, Opogona
sacchari, Saccharicoccus
saccharicida, Perkinsiella
Saccharicoccus sacchari
  Aspergillus spp. in, in Barbados 4247
  biology of 2706–2708
  in Barbados 4247
  in Egypt 2706
  in Kenya 1403
  in Tanzania 1403
  in Uganda 1403
  on sugar-cane
    in Barbados 4247
    in East Africa 1403
    in Egypt 2706
  parasitised by, *Anagyrus saccharicola,* and biological control using, in Barbados 4247
  preyed on by
    Cecidomyiidae, in Barbados 4247
    Cryptolaemus montrouzieri, and biological control using, in Barbados 4247
    Hyperaspis spp., and biological control using, in Barbados 4247
    H. trilineata, in Barbados 4247
    Nephus spp.
      and biological control using, in Barbados 4247
      in Barbados 4247
    Oligota barbadorum, in Barbados 4247
    Pseudaphycus mundus, in Barbados 4247
saccharicola, Anagyrus
saccharina, Aeneolamia varia
saccharina, Eldana
sacchariphagus, Chilo, (*Proceras*)
saccharivorus, Cavelerius
Saccharose (*see* α-D-Glucopyranoside, β-D-fructofuranosyl)
Saccharum officinarum (see Sugar-cane)
Sacchiphantes abietis (see *Adelges*)
Sacchiphantes roseigallis (see *Adelges*)
Sacchiphantes viridis (see *Adelges*)
Sacococcus, gen. n., in New Zealand 2086
Sadofos (*see* Malathion)
saetula, Tuckerella
saevissima, Solenopsis
Safflower (*Carthamus tinctorius*)
  Acanthiophilus helianthi on, in Madhya Pradesh 208
  Agrotis spp. on, in Queensland 2827
  Aphis fabae on, in California 3242
  Capitophorus elaeagni on, in Queensland 2827
  Frankliniella occidentalis on, in California 3242
  Gonocephalum spp. on, in Queensland 2827
  Heliothis punctigera on, in Queensland 2827
  Homoeosoma electellum on, in California 3242
  Lygus elisus on, in California 3782
  L. hesperus on, in California 3242, 3782
  Nysius vinitor on, in Queensland 2827
  Spodoptera exigua on, development of 1360
  Tetranychus urticae on, in California 3242
Safsan, against, *Agrotis ipsilon* 4456
saga, Oncideres
saginatus, Cryptophagus
sah, Urocerus
Sahlbergella singularis
  biology of 3261
  control of, insecticides for 1224, 2917
  defensive behaviour in 868
  dorso-abdominal gland in 868
  flight activity in 5029
  in Ghana 5029
  in Nigeria 1224, 2917
  on cacao, in Nigeria 1224, 2917
  reproductive organs in 1709
  sex pheromone of, not found 5013
Sainfoin (see *Onobrychis viciifolia*)
St. Augustine grass (see *Stenotaphrum secundatum*)
St. Lucia
  Cholus zonatus in, on coconut 5110
  Diatraea spp. in 2284
Saintpaulia, dimethoate in, toxicity of 3812
Saissetia coffeae
  control of, insecticides for 5132
  distribution maps for 2180
  in South Korea 2651
  in Venezuela 5132

***Saissetia coffeae** contd.*
- on *Citrus,* in Venezuela 5132
- taxonomy of 318

Saissetia hemisphaerica (see *S. coffeae*)
Saissetia miranda, taxonomy of, *Saissetia oleae* considered distinct from 860
Saissetia neglecta
- sp. n., description of 860
- in USA 860
- on grapefruit, in Florida 860

Saissetia nigra (see *Parasaissetia*)
Saissetia oleae
- biology of 4903
- control of, insecticides for 3755–3756
- distribution maps for 2180
- in Israel 3745, 4989
- in Jordan 4903
- in South Africa 314
- in Spain 3095, 3755–3756, 4311
- in Turkey 4480
- on *Citrus*
  - in Israel 3745
  - in Spain 4311
- on olive
  - in Israel 4989
  - in Jordan 4903
  - in Spain 3095, 3755–3756
- on *Pistacia vera,* in Turkey 4480
- parasites of, in Israel 3745
- parasitised by
  - *Diversinervus elegans,* in Israel 4989
  - *Metaphycus bartletti,* in South Africa 314
  - *M. inviscus,* in South Africa 314
  - *M. obtusus,* in South Africa 314
  - *M. zebratus,* in Israel 4989
  - *Scutellista cyanea,* in Israel 4989
- predators of, in Israel 3745
- taxonomy of 318
  - *Saissetia miranda* considered distinct from 860

Salagena
- control of, insecticides for 4777
- on *Litchi chinensis,* in South Africa 4777

Salai (see *Boswellia serrata*)
Salicaceae, *Canephora unicolor* on, in Italy 4728
salicis, Chionaspis
salicis, Stilpnotia, (*Leucoma*)
Salicornia, *Aelia germari* on, in Spain 1406
salignus, Tuberolachnus
Salithion (*see* 4H-1,3,2-Benzodioxaphosphorin, 2-methoxy-, 2-sulfide) 3396
Salix
- *Aegyptobia salixi* on, in Egypt 92
- *Chrysomela lapponica* on, in Altai region 3663
- *Erannis vancouverensis* on, in British Columbia 1947

***Salix** contd.*
- *Megopis scabricornis* on, in Italy 4839
- *Psylla loginovae* on, in Georgia (USSR) 2502
- *P. subklapaleki* on, in Georgia (USSR) 2502
- *Rheumaptera hastata* on, in North America 296
- *R. subhastata* on, in North America 296
- *Rhopaloscelis* spp. on, in USSR 3829
- *Yponomeuta rorellus* on, in Iran 1174

Salix alba, *Tuberolachnus salignus* on, in England 4637
Salix americana, *Cnephasia interjectana* on, in Austria 3585
Salix amygdaloides, *Altica subplicata* on, in South Dakota 3670
Salix flavida, *Proagopertha lucidula* on, in China 1160
Salix interior
- *Altica subplicata* on, in South Dakota 3670
- *Disonycha alternata* on, in South Dakota 3670

Salix matsudana, *Proagopertha lucidula* on, in China 1160
Salix smithiana, *Nematus pavida* on, in Austria 5188
Salix viminalis, *Cnephasia interjectana* on, in Austria 3585
salixi, Aegyptobia
Salmo gairdneri, DDT in, residues of, in New Zealand 1207
salomonensis, Scapanes australis
salomonis, Monomorium
Salpingogaster, preying on, *Aeneolamia selecta,* and biological control using 496
saltuarius, Monochamus
Salvia, *Longirostris raji* on, in India 4055
Salvia aethiopis, *Phrydiuchus tau* on, and biological control using, in Yugoslavia 488
Salvia coccinea, trap crop for *Taylorilygus vosseleri* 639
sambuci, Aphis
sambuci, Asterolecanium (see *A. pustulans*)
Sambucus canadensis, *Achatodes zeae* on, in Ohio 162
Samia cynthia pryeri, cytoplasmic polyhedrosis virus in, infectivity of 738
Samia ricini, enzymes in 5212
samoanus, Neodichopelmus
sanborni, Macrosiphoniella
Sandalwood oil, increasing attractiveness of *Chilo auricilius* sex pheromone 4086
sandanis, Sympiesis
sanguinea, Cycloneda
sanguinea, Formica
sanguinipes, Melanoplus
sanguiniventris, Spilochalcis
Saniosulus nudus
- in Israel 3745

aniosulus nudus *contd.*
  preying on, scale insects, in Israel 3745
unnhemp (see *Crotalaria juncea*)
anninoidea exitiosa (see *Aegeria*)
antalum spicata (see *Eucarya*)
antonensis, Reticulitermes lucifugus
ão Tomé, *Saotomaspis castelbrancoi* in, on coffee 4559
aotomaspis castelbrancoi
  in São Tomé 4559
  on coffee, in São Tomé 4559
  taxonomy of, described in *Parandaspis,* preoccupied name 4559
apecron (*see* Chlorfenvinphos)
aperda candida
  biology of 165
  control of 165
  in USA 165
aperda populnea
  in Greece 1547
  on poplar, in Greece 1547
arcitrella, Endrosis
arcophaga aegyptica
  in USSR 996
  parasitising, Tenebrionidae, in Turkmenia 996
arcophaga bullata, parasitised by, *Nasonia vitripennis* 1309
ardines, dried, *Dermestes maculatus* in, development of 5203
arothamnus scoparius, *Bruchidius ater* on, in Netherlands 1025
arson, brown (see *Brassica napus* var. *dichotoma*)
arson, yellow (see *Brassica napus* var. *glauca*)
artor, Monochamus
asa, *Odonaspis secreta* on, in Georgia (USSR) 1530
sakii, Carposina
athrobrota rileyi
  in USA 3702
  on sorghum, in Georgia (USA) 3702
tivae, Liriomyza
atsuma (*see* Mandarin and tangerine)
aturnina, Mecas
aucia, Peridroma, (*Agrotis*)
audi Arabia
  Hypera postica in, on lucerne 1443
  Orthoptera in 1599
  Parlatoria blanchardii in, on date palm 5113
aundersii, Madremyia
awdust, diet component for, *Spodoptera littoralis* 1790
axeseni, Xyleborus
ayedi, Aegyptobia
ayfos (*see* Menazon)
ayphos (*see* Menazon)
abra, Plathypena
abricornis, Megopis
caeva pyrastri (see *Lasiophthicus*)
scalaris, Azygophleps
Scale insects
  control of 2851
  on grasses, in Georgia (USA) 3705
Scambus calobatus (see *Ephialtes*)
Scambus decorus
  in USA (Alaska) 2259
  parasitising
    Acleris gloverana, in Alaska 2259
    Neodiprion tsugae, in Alaska 2259
Scambus flavicrus
  in India 3145
  parasitising, *Ostrinia kasmirica,* in India 3145
Scambus inquisitor (see *Ephialtes*)
Scambus longicorpus occidentalis
  in USA (Alaska) 2259
  parasitising, *Cydia youngana,* in Alaska 2259
Scambus protentus
  in USA (Alaska) 2259
  parasitising, *Cydia youngana,* in Alaska 2259
Scambus strobilorum
  in Denmark 1165
  parasitising, *Rhyacionia buoliana,* in Denmark 1165
Scambus tenebrosus
  in USA (Alaska) 2259
  parasitising, *Cydia youngana,* in Alaska 2259
Scanning electron microscopy, of Acari 945
Scapanes australis
  control of 4765
  in Papua New Guinea 4144
  on coconut, in New Guinea 4144
Scapanes australis australis
  in Papua New Guinea 2310
  larvae of 2310
  on coconut, in New Guinea 2310
Scapanes australis grossepunctatus
  in Papua New Guinea 2310
  larvae of 2310
  on coconut, in New Guinea 2310
Scapanes australis salomonensis
  in Papua New Guinea 2310
  larvae of 2310
Scapheremaeus palustris, in East Germany 1087
Scaphoideus littoralis
  control of, insecticides for 2767
  golden flavescence disease, causal agent in, in France 2767
  in France 2767
  on grape vine
    damage caused by 2767
    in France 2767
Scapteriscus acletus, in USA 2249
Scapteriscus vicinus, in USA 2249
Scaptocoris castaneus
  in Argentina 538

***Scaptocoris castaneus** contd.*
  on groundnut, in Argentina 538
  on lucerne, in Argentina 538
Scaptocoris terginus, taxonomy of 538
Scatopse
  control of 4446
  on garlic 4446
schellembergii, Oechalia
schimitscheki, Cinara
schistaceana, Argyroploce, (*Eucosma*)
Schistocerca americana
  control of 1813
  crystalline-array virus in, replication of 1999, 5222
  in Argentina 1813
  on *Gomphrena,* in Argentina 1813
  parasitised by, *Acridiophaga caridei,* in Argentina 1813
Schistocerca americana gregaria (see *S. gregaria*)
Schistocerca gregaria
  abdominal pumping in 2546
  aggregation in 2236
  amino acids in 2640–2641
  biology of 4209
  cardiac rhythm in 3098
  control of 440, 4209
    antifeedants for 4408
      plant extracts as 2936
    insecticides for 2240
    juvenile hormone analogues for 1718
  corpora cardiaca in 3629, 4685
  cuticle in, sclerotisation of 4203
  distribution of, role of wind in 1816
  ecdysone in 1727
  embryonic development in 985
  enzymes in 2239, 4684
  fecundity in, effects of spermatophore transfer on 1368
  fertility in 1814
  flight activity in 2237, 2241, 3625, 3629
    effects of allatectomy on 2232
    effects of corpora cardiaca on 913
  flight in, monitoring of 3052
  flight posture in 3626
  food consumption in 910
  food-plants of 984
  foregut in, nerve fibres in 4093
  genital apparatus in, effects of rearing temperature on 1815
  grouping behaviour in 4207
  in Afghanistan 441
  in Africa 4209
  in Egypt 1364
  in India 440–441, 986, 1816, 2231, 2236–2237, 5053
  in Iran 441
  in Morocco 2240, 3102
  in Pakistan 441
  landing posture in 3626
  locustol in 433
  Malpighian tubules in 4199
***Schistocerca gregaria** contd.*
  marking of, radiogold for 3102
  motor axons in 4091–4092
  motorneurones in 2126
  nerve-muscle synapses in 4091
  nervous system in 4097
  neuromuscular system in 2235
  oenocytes in, functions of 2121
  pars intercerebralis in 3625
  phases in, effects of soil moisture on 2231
  population dynamics of 986
  radar cross-section of 4678
  salivary glands in, nerve fibres in 4093
  sperm transfer in 1365
  spermatophore formation in 1365
  supercooling of 3628
  uric acid in 985, 2239
  walking in 3520
  xanthommatin in 1697
Schistocerca pallens, in Virgin Islands 4141
Schistocerca vaga
  arousal in 431
  behaviour in 431
  visual responses in 431
***Schium edule,** Tetranychus neocaledonicus*
  on, in Malagasy Republic 4116
Schizaphis arrhenatheri
  sp. n., description of 1433
  biology of 1433
  food-plants of 1434
  in Sweden 1432–1433
  on *Phleum pratense,* in Sweden 1433
  sex pheromone of 2133
Schizaphis cyperi, abaca mosaic virus in, transmission of 1945
Schizaphis dubia
  biology of 1433
  descriptions of 1433
  food-plants of 1434
  in Poland 1432
  in Sweden 1432–1433
Schizaphis graminum
  abaca mosaic virus in, transmission of 1945
  barley yellow-dwarf virus in, transmissio of 1561
  control of
    insecticides for 140, 1428, 1873–1874 4250
    juvenile hormone analogues for 2921
  in Bulgaria 140
  in Chile 3156
  in Mexico 4250
  in Rhodesia 4742
  in Romania 141, 1128, 3703
  in South Africa 4741
  in Sweden 1432
  in USA 1428, 1873–1874, 2300
  in potato-fields, in Romania 1128

hizaphis graminum *contd.*
on sorghum
  damage caused by 2300, 5102
  effects of fertilisers on 3703
  effects of planting density on 141
  in Bulgaria 140
  in Romania 141, 3703
  in South Africa 4741
  in Texas 1428, 1873–1874, 2300
  resistance to 1429
  varietal preferences of 527
on wheat
  in Chile 3156
  in Mexico 4250
  in Rhodesia 4742
  in South Africa 4741
parasites of, effects of insecticides on 4250
parasitised by
  Aphelinus asychis 1837, 2671
  Lysiphlebus testaceipes 5065
    in Mexico 4250
predators of, effects of insecticides on 4250
preyed on by
  Chrysopa ploribunda, in Mexico 4250
  Cycloneda sanguinea, in Mexico 4250
  Hippodamia convergens, in Mexico 4250
  Orius insidiosus, in Mexico 4250
biotype B 527
biotype C 527, 1429, 2671
hizaphis longicaudata
biology of 1433
descriptions of 1433
food-plants of 1434
in Sweden 1432–1433
hizaphis rufula
biology of 1433
descriptions of 1433
food-plants of 1434
in Sweden 1432–1433
sex pheromone of 2133
hizolachnus pineti
descriptions of 702
in Italy 702
on *Pinus nigra,* in Italy 702
hizonotus sieboldi
in USSR 3663
parasitising, *Chrysomela lapponica,* in Altai region 3663
hlechtendali, Aculus
chleichera oleosa, *Kerria lacca* on, in Bihar 4217
hmidti, Oligotrophus
chmidtiella gemmarum
in Czechoslovakia 5192
on *Juniperus communis,* in Czechoslovakia 5192
hmidtii, Cystiphora
houtedeni, Peridontopyge
chradan (octamethyldiphosphoramide)

Schradan *contd.*
  against, *Myzus humuli* 122
schuetzeella, Dioryctria
schwartzi, Brachycaudus, (*Appelia*)
Sciaphilus asperatus
  in UK 4195
  on strawberry, in UK 4195
Sciapteron tabaniformis (see *Paranthrene*)
Sciara auripila
  control of, insecticides for 486
  in UK 486
  on mushrooms, in UK 486
  rearing of, techniques for 486
Sciaridae, in soil, effects of gases on 2167
Scirpophaga excerptalis
  in Pakistan 4270
  on rice, in Pakistan 4270
Scirpophaga nivella
  in Indonesia 494
  in Taiwan 495
  nutrition of 3000
  on sugar-cane
    effects of fertilisers on 494
    in Indonesia 494
    in Taiwan 495
scitella, Leucoptera, (*Cemiostoma*)
scitula, Aegeria, (*Thamnosphecia*)
scitula, Eublemma
scitulus, Exochus decoratus
Sclerodermus domesticus
  biology of 4162
  taxonomy of, characters distinguishing *S. turkmenicus* and 453
Sclerodermus turkmenicus
  sp. n., description of (as *Scleroderma turkmenica*) 453
  in USSR 453
  parasitising, *Xylotrechus grumi,* in Turkmenia 453
Scoliidae, in Moldavia 3079
Scoliophthalmus, in Nigeria 1047
Scoliopteryx libatrix, in South Korea 151
Scolothrips longicornis
  in Egypt 3018
  preying on, *Oligonychus mangiferus,* in Egypt 3018
Scolothrips sexmaculatus
  in Egypt 4609
  preying on, *Cryptoblabes gnidiella,* in Egypt 4609
Scolytidae
  control of, insecticides for 708
  in California 2255
  in Italy, in imported timber 2890
  in Kazakhstan 4394
  in USA 4550
  on *Abies alba,* in Romania 690
Scolytus mediterraneus, attraction of, to fruit-tree extracts 2771
Scolytus multistriatus
  amino acids in 4596
  dispersal of 1164

Scolytus multistriatus *contd.*
  haemolymph in 4596
  in Canada 5198
  in USA 1164
  natural enemies of 2871
  on *Ulmus,* in Ontario 5198
Scolytus rugulosus
  biology of 165
  control of 165
  in USA 165
Scolytus ventralis
  diapause in 2860
  in USA 2860, 4382
  on *Abies grandis*
    in Idaho 2860, 4382
    resistance to 4382
  parasitised by, *Megaselia aletiae,* in Idaho 4382
  population dynamics of 4382
  Sulphuretylenchus elongatus in
    effects of 745
    in Idaho 4382
Scopaeus debilis
  flight activity in 376
  in Egypt 376
Scopelodes contractus, cytoplasmic polyhedrosis virus in, infectivity of 738
Scotia ipsilon (see *Agrotis*)
Scotia segetum (see *Agrotis*)
Scotinophara coarctata
  padi jantan disease, causal agent in, not transmitted 3166
  penyakit merah virus in, not transmitted 3166
Scotinophara horvathi
  in Japan 1868
  on rice, in Japan 1868
Scotinophara scotti
  in Japan 1868
  on rice, in Japan 1868
scotti, Scotinophara
scripta, Chrysomela
scripta, Sphaerophoria
Scrobipalpa ocellatella
  control of, insecticides for 623
  in USSR 623
  on sugar-beet, in USSR 623
Scrobipalpopsis solanivora
  sp. n., description of 3239
  in Costa Rica 3239
  in Panama 3239
  on potato
    in Costa Rica 3239
    in Panama 3239
scutellaris, Crematogaster
scutellaris, Lipolexis
scutellaris, Macrotoma
scutellata, Blepharipa
scutellatus, Monochamus
Scutellera nobilis (see *S. perplexa*)
Scutellera perplexa
  in India 3719
Scutellera perplexa *contd.*
  on grape vine, in Uttar Pradesh 3719
Scutellista cyanea
  in Israel 4989
  in Italy 581
  not attracted to bait-sprays 4989
  parasitising
    Ceroplastes rusci, in Sicily 581
    Saissetia oleae, in Israel 4989
Scutigerella immaculata
  control of, pesticides for 4007
  in France 4007
  in USA 3656
  on maize, in France 4007
  preyed on by, *Pergamasus quisquiliarum* in Oregon 3656
scutosa, Protoschinia, (*Melicleptria*)
Scyllinops bruneri (see *S. pallida*)
Scyllinops pallida
  control of, insecticides for 982
  in Argentina 982
Scymnini, taxonomy of 4998
Scymnus
  insecticides in, toxicity of 4816
  preying on
    Lepidosaphes malicola, in Iran 4292
    Maconellicoccus hirsutus, in New Britain 4144
Scymnus coccivora
  in India 1012
  in Pakistan 3123
  preying on, *Icerya aegyptiaca,* in Pakista 3123
Scymnus nubilus, in India 4351
Scythia stipae
  descriptions of 4279
  in USSR 4279
  on grasses, in Transcaucasia 4279
SD-6626 (*see* Phosphorothioic acid, *O,O*-diethyl *O*-2-quinoxalinyl ester) 4263

SD-9098 (*see* Phosphorothioic acid, *O*-[2-chloro-1-(2,5-dichlorophenyl)ethenyl] *O,O*-diethyl ester) 258
SD-23687 (*see* Phosphonothioic acid, ethyl *O*-(7-chloro-4-benzofurazanyl) *O*-ethyl ester)
Seagrape (see *Coccoloba uvifera*)
Searching behaviour 4718
Secale cereale (see Rye)
9,10-Secocholesta-5,7,10(19)-triene-3,25-dio (3β)-, in fowls, DDT not preventing activation of cholecalciferol to 2927
9,10-Secocholesta-5,7,10(19)-triene-1,3,25-triol, (3β)-, in fowls, DDT not preventing activation of cholecalciferol t 2927
9,10-Secocholesta-5,7,10(19)-trien-3-ol (3β)- (cholecalciferol; vitamin D_3)

10-Secocholesta-5,7,10(19)-trien-3-ol
  contd.
  (3β)- *contd.*
    in fowls
      DDT inhibiting regulation of calcium metabolism by 2926
      DDT not inhibiting activation of 2927
    in *Trogoderma granarium,* not possessing cholesterol-sparing activity 2545
secrecauda, Atherigona
secreta, Odonaspis
securis, Hylemya, (*Phorbia*)
sedge, yellow nut- (see *Cyperus esculentus*)
segetum, Agrotis
  (*Euxoa*)
  (*Scotia*)
segmentator, Phytodietus
segregata, Exorista (see *E. fasciata*)
segregata, Tricholyga (see *Exorista fasciata*)
Selatosomus aeneus
  in Poland 461
  preying on, *Melolontha* spp., in Poland 461
selecta, Aeneolamia
selecta, Bessa
selenaria, Ascotis, (*Boarmia*)
Selenaspidus articulatus
  control of, insecticides for 2783, 5132
  in Cuba 2783
  in Kenya 3650
  in Venezuela 5132
  on *Citrus,* in Venezuela 5132
  on *Ficus,* in Kenya 3650
  on orange, in Cuba 2783
  preyed on by, *Rodolia cardinalis,* in Kenya 3650
selene, Actias
Selenephera lunigera (see *Cosmotriche*)
Semanotus undatus
  biology of 2869
  in Italy 2869
  on *Picea abies,* in Italy 2869
Semasia conterminana (see *Eucosma*)
Semasia diniana (see *Zeiraphera*)
Semiadalia undecimnotata
  in France 3055
  marking of, iridium for 3055
  migration in 3055
  preying on
    Aphis fabae 4580
    Ephestia kuehniella 4580
Semiadalia 11-notata (see *S. undecimnotata*)
Semiaphis dauci
  pea mosaic virus in, transmission of 3306
  turnip mosaic virus in, transmission of 3306
  watermelon mosaic virus in, transmission of 735
semiclusaria, Nepytia
semifascia, Earias insulana
semiferanus, Archips
semiflavus, Aphelinus
semifumatum, Trichogramma
semiglobosus, Pharoscymnus
seminole, Perithemis
Semiothisa bicolorata, in Canada 3278
Semiothisa oweni
  biology of 3278
  in Canada 3278
  on *Larix laricina,* in Manitoba 3278
Semiothisa pumila
  in USSR 1183
  Moratorvirus semiothisae in, in USSR 1183
Semiothisa sexmaculata
  biology of 3278
  in Canada 3278
  on *Larix laricina,* in Manitoba 3278
Semiothisa signaria dispuncta
  biology of 3278
  in Canada 3278
  on *Larix laricina,* in Manitoba 3278
semipunctata, Phoracantha
semipurpurana, Croesia
semistriatus, Trissolcus, (*Asolcus*)
semotus, Habrocytus
senatoria, Anisota
seneciella, Hylemya
Senecio jacobaea
  Arctia caja on, in British Columbia 4677
  Hylemya seneciella on
    and biological control using
      in Canada 1400
      in USA 1400
  Longitarsus jacobaeae on, and biological control using, in USA 489
  Tyria jacobaeae on, in New Zealand 4239
Senecioneae, *Phytomyza* spp. on 4058
Senegal
  Cryptophlebia leucotreta in, on cotton 4154
  Oryzaephilus mercator in 3391
senegalensis, Oedaleus
Senometopia, taxonomy of, *Eocarceliopsis* as synonym of 2501
Sensoriaphis furcifera
  sp. n., description of 2095
  in Australia 2095
  on *Nothofagus moorei,* in New South Wales 2095
separata, Mythimna
  (*Leucania*)
  (*Pseudaletia*)
separatella, Maliarpha
septemfasciata, Nomadacris
septempunctata, Chrysopa
septempunctata, Coccinella
septendecim, Magicicada
septendecula, Magicicada
serenus, Deraeocoris

seriatus, Psallus, (*Pseudatomoscelis*)
sericeicornis, Sympiesis
Sericesthis pruinosa, iridescent virus in, properties of 3317
Sericoides germaini, in Chile 2800
Sericomyrmex, rectal enzymes in 4212
Sericothrips occipitalis
  in Cameroon 5151
  on groundnut, in Cameroon 5151
Sericothrips variabilis
  control of, insecticides for 1931
  in USA 1931
  on cotton, in Georgia (USA) 1931
L-serine
  diet component for, *Myzus persicae* 349
  in *Aphis fabae* diet, requirement for 2988
  in *Dysdercus fasciatus,* dietary requirement for 3001
Serotonin (*see* 1*H*-Indol-5-ol, 3-(2-aminoethyl)-)
serrata, Trichagalma
serratella, Coleophora
Serratia marcescens
  in
    Danaus plexippus, pathogenicity of 3540
    Dendroctonus frontalis 2896
      pathogenicity of 2445
    Diparopsis watersi 3928
    Galleria mellonella, effects of 1997
serratilineella, Vitula edmandsii
serratus, Caryedon
serricorne, Lasioderma
Serrodes partitus
  control of, orchard lighting for 176, 555
  in South Africa 176, 541, 555
  on peach, in South Africa 176
sertifer, Neodiprion, (*Diprion*)
Serum, foetal bovine, culture-medium component for, *Schistocerca americana* dorsal vessels 1999
Servaisia caridei (see *Acridiophaga*)
servus, Euschistus
Sesame (*Sesamum indicum*)
  Antigastra catalaunalis on
    in Madhya Pradesh 2281
    in Nigeria 4807
  Asphondylia sesami on, in Nigeria 4807
  Bemisia tabaci on
    in India 4807
    in Nigeria 4807
  Heliothis armigera on, in Bulgaria 1927
  Nascia cilialis on, in Bulgaria 1927
  Orosius albicinctus on, in India 637
  pests of
    in India 2363
    in Uttar Pradesh 3296
  sesame leaf curl virus in
    in India 4807
    in Nigeria 4807
    in Sierra Leone 4807
Sesame *contd.*
  sesame leaf curl virus in *contd.*
    in Tanzania 4807
Sesame leaf curl virus
  control of 4807
  in
    Bemisia tabaci, transmission of 4807
    Sesamum indicum
      in India 4807
      in Nigeria 4807
      in Sierra Leone 4807
      in Tanzania 4807
sesami, Asphondylia
Sesamia
  on *Pennisetum typhoides,* in West Africa 2703
  on sorghum, in West Africa 2703
  on sugar-cane, in West Africa 2703
  parasitised by, *Apanteles sesamiae* 4039
Sesamia botanephaga (see *S. nonagrioides botanephaga*)
Sesamia calamistis
  biology of 491
  in Kenya 3687
  in Mozambique 491
  on maize
    in Kenya 3687
    in Mozambique 491
    in West Africa 2703
  on rice
    in Mozambique 491
    in West Africa 2703
  on sorghum, in Kenya 3687
  on sugar-cane, in Mozambique 491
  on wheat, in Mozambique 491
  parasitised by, *Apanteles sesamiae,* in Mozambique 491
Sesamia cretica
  amino acids in 877
  chemoreceptors in 1707
  control of, insecticides for 1071, 3675
  enzymes in 1135
  flight activity in 1326–1327
  in Egypt 1071, 1326–1327, 1864, 3151, 3513, 3675, 5061
  in Spain 4745
  on maize, in Egypt 1071
  on sugar-cane
    in Egypt 1864, 3151, 3675
    varietal preferences of 3151
  preyed on by
    Anisolabis annulipes, in Egypt 3513
    Labidura riparia, in Egypt 5061
  rearing of, diets for 498
Sesamia inferens
  control of, insecticides for 5243
  in Burma 135
  in India 1121, 3159
  in Pakistan 4270
  in Taiwan 495, 2025
  on pea, in Rajasthan 1121
  on rice 4262

Sesamia inferens *contd.*
  on rice *contd.*
    in Burma 135
    in Pakistan 4270
    resistance to 4260
  on sugar-cane, in Taiwan 495, 2025
  on wheat
    effects of fertilisers on 3159
    effects of sowing density on 3159
    in Madhya Pradesh 3159
  parasitised by, *Lixophaga diatraeae,* and biological control using, in Taiwan 2025
Sesamia nonagrioides
  Beauveria spp. in, in Spain 4745
  biology of 3685–3686
  control of, insecticides for 4745
  in Spain 3685–3686, 4745
  on maize, in Spain 3685–3686, 4745
  parasitised by
    Lydella thompsoni, in Spain 4745
    Nythobia punctoria, in Spain 4745
  rearing of, techniques for 3556
Sesamia nonagrioides botanephaga, on maize, in West Africa 2703
Sesamia uniformis
  in India 3159
  on wheat
    effects of fertilisers on 3159
    effects of sowing density on 3159
    in Madhya Pradesh 3159
sesamiae, Apanteles
Sesamum indicum (see Sesame)
Sesamum orientale (see Sesame)
Sesamum phyllody virus, in, *Orosius albicinctus,* transmission of 637
Sesamyl geranyl ether epoxide (*see* 1,3-Benzodioxole, 5-[[5-(3,3-dimethyloxiranyl)-3-methyl-2-pentenyl]oxy]-)
Sesbania, *Azygophleps scalaris* on, in India 3783
sesbaniae, Acyrthosiphon
Sesia myopaeformis (see *Synanthedon*)
Setaria italica, *Dynastes gideon* on, in Uttar Pradesh 133
setiferus, Peneus
setosa, Amblyseius, (*Amblyseiella*)
severini, Platypus
Sevidol (*see* BHC (γ-isomer), with carbaryl)
Sevimol (*see* Carbaryl, with molasses)
Sevin (*see* Carbaryl)
Sevithion (*see* Carbaryl, with methyl-parathion)
Sewage, DDT in, degradation of 3980
Sex pheromones
  in *Acanthoscelides obtectus* 3477
  in *Acrolepia assectella* 3005
  in *Actias selene* 3455
  in *Adoxophyes fasciata* 4087
  in *Aegeria exitiosa* 3466
  in *Agriotes lineatus* 3964
Sex pheromones *contd.*
  in *Agriphila plumbifimbriella* 4077
  in *Anisota virginiensis* 4377
  in *Anthonomus grandis* 2152, 3958–3961
  in *Archips argyrospilus* 2462, 4653
  in *Archips semiferanus* 4085
  in *Argyrotaenia velutinana* 338, 3004
  in *Attagenus megatoma* 2498
  in *Bombyx mori* 38, 2101
  in *Chilo auricilius* 4086
  in *Choristoneura fumiferana* 2399
  in *Crambus harpipterus* 4077
  in *Cydia molesta* 2200, 2542, 4158
  in *Cydia pomonella* 1463, 1468, 3455, 3566, 4653
  in *Dacus tryoni* 2995, 4606
  in *Diabrotica virgifera* 1413
  in *Dioryctria abietivorella* 3036
  in *Diparopsis castanea* 2543
  in *Diparopsis watersi* 3508
  in *Distantiella theobroma* 5013
  in *Ephestia cautella* 342, 1794, 4577
  in *Ephestia kuehniella* 897, 1746
  in *Epiphyas postvittana* 1757
  in *Galleria mellonella* 3455
  in *Hyphantria cunea* 81, 1654
  in insects 3576
  in *Lobesia botrana* 5014
  in *Lymantria dispar* 1306, 1324, 2195, 3963, 4510, 4666
  in *Lymantria obfuscata* 2195
  in mites 3576
  in *Mythimna separata* 1296
  in *Nudaurelia cytherea* 33465
  in *Paralobesia viteana* 3186. 4659
  in *Pectinophora gossypiella* 4133, 4591
  in *Phyllonorycter ringoniella* 4615
  in *Platynota idaeusalis* 1467
  in *Plodia interpunctella* 407, 1698, 1794
  in *Pseudoplusia includens* 1794
  in *Rhyacionia buoliana* 3823
  in *Schizaphis arrhenatheri* 2133
  in *Schizaphis rufula* 2133
  in *Sitotroga cerealella* 1794, 2134
  in *Spodoptera littoralis* 2197, 2543, 5164
  in *Spodoptera litura* 3053
  in *Trichoplusia ni* 38, 322, 1579, 1794, 2011, 3526, 3552, 3962, 4134, 4656
  in *Trogoderma glabrum* 29, 2160
  in *Trogoderma grassmani* 29
  in *Trogoderma inclusum* 29, 65, 2160
  in *Trogoderma simplex* 29
  in *Trogoderma sternale* 29
  in *Trogoderma variabile* 29
  in *Zeiraphera diniana* 3455
  insect control using 3922
sexdens, Atta
sexdentatum, Sinoxylon
sexguttella, Chrysoesthia, (*Microsetia*)
sexmaculata, Semiothisa
sexmaculatus, Eotetranychus
sexmaculatus, Menochilus, (*Cheilomenes*)

sexmaculatus, Scolothrips
sexnotatus, Macrosteles
sexpilis, Amblyseius, (*Phytoscutus*)
sexta, Manduca
sexualis, Besserioides (see *B. varicolor*)
Shaddock (see *Citrus grandis*)
Shallot (*Allium ascalonicum*)
  leek chlorotic streak virus in, in Belgium 4868
Shallot (stored bulbs)
  Rhizoglyphus callae in, in Taiwan 207
  R. echinopus in, in Taiwan 207
Sharka virus (*see* Plum pox virus)
Sheep (*Ovis aries*)
  DDT in
    residues of 1637
      reduction of 3405
  diazinon in, metabolism of 4008
  fensulfothion in, metabolism of 4017
sheldoni, Aceria, (*Eriophyes*)
Shrimps
  DDT in, residues of 2492
  pesticides in, residues of 1651
Sibine
  control of 4285
  on coconut 4285
  on *Elaeis guineënsis* 4285
sibiricus, Dendrolimus (see *D. superans*)
Sida*, Earias cupreoviridis* on, in Tanzania 4812
***Sida cordifolia* yellow vein mosaic virus**
  in
    Bemisia tabaci, transmission of 3310
    tomato, effects of 3310
  in Kerala 3310
side, Spilochalcis
sieboldi, Schizonotus
Sierra Leone
  Podagrica sjostedti in, on *Urena lobata* 4809
  P. uniformis in, on *Urena lobata* 4809
sierrensis, Pityophthorus
sigillatus, Gryllodes
Sigma virus
  in
    Drosophila spp., effects of 2552
    D. melanogaster, effects of actinomycin D and mitomycin C on 2467
signaria, Semiothisa
signata, Pagria
signaticornis, Medetera
signipennis, Chaetanaphothrips
Signiphora borinquensis
  sp. n., description of 1391
  biology of 1391
  in Puerto Rico 1391
  parasitising, *Aspidiotus destructor,* in Puerto Rico 1391
Signiphora maximus (see *Thysanus*)
Sikkim, *Adelges* spp. in, natural enemies of 2674
Silane, trichloromethyl-, waterproofing age
  for ant baits 2244
silenus, Phyllognathus
Silica
  against, *Thymelicus lineola* 1430
  in insecticidal dusts 2935
  in rice, relation of stem-borer resistance and 4260
  with copper(2+) sulfate, against, *Thymelicus lineola* 1430
Silica gel, with diammonium hexafluorosilicate(2–), against, *Callosobruchus analis* 1178
Silicate(2–), hexafluoro-
  diammonium, with silica gel, against, *Callosobruchus analis* 1178
  disodium
    against
      Agrotis ipsilon 4448, 4456
      Hodotermes mossambicus 275, 77
      Iridomyrmex humilis 4214
    in entomopathogenic fungi, effects of 4969
Silicic acid, sodium salt, in *Lymantria dispar,* effects of 1536
Silpha opaca
  control of
    crop management for 598
    insecticides for 598
  in USSR 598
  on cabbage, in USSR 598
Silvanus, taxonomy of, revision of 1266
Silvanus surinamensis (see *Oryzaephilus*)
Silvereye (see *Zosterops gouldii*)
silvestrii, Ischnaspis
Simaethis pariana (see *Eutromula*)
simalensis, Aphis clematidis
Simazine (*see* 1,3,5-Triazine-2,4-diamine, 6-chloro-N,N'-diethyl-)
    4534
    4959
similis, Diprion
similis, Epilachna
similis, Euproctis
simplex, Atherigona
simplex, Pyroderces
simplex, Taeniothrips
simplex, Trogoderma
simplexella, Stomopteryx
simplicicollis, Erythemis
simplicissimus, Amblyseius, (*Typhlodromips*

simulans, Fraus
sinensis, Amblyseius, (*Typhlodromus*)
sinensis, Ceroplastes
sinensis, Thosea
Singapore
  Hellula undalis in, on cruciferous crops 1112
  insect pests in 1772
  Phyllotreta striolata in, on cruciferous crops 1112

gapore *contd.*
  Plutella xylostella in, on cruciferous crops 1112
gularis, Otiorhynchus
gularis, Sahlbergella
igrin (*see* β-D-Glucopyranose, 1-thio-, 1-[*N*-(sulfooxy)-3-butenimidate], monopotassium salt)
istraria, Lophodes
oxylon sexdentatum
  n Turkey 4480
  n *Pistacia vera,* in Turkey 4480
ha flava, parasitised by, *Aphelinus asychis* 2671
hae, Trilobiella
hocoryne indobrassicae (see *Lipaphis erysimi*)
honophorae, Pachyneuron
hunculatus, Pemphigus
ex, *Deladenus siricidicola* in 4379
ex cyaneus, on conifers, effects of 3833
ex imperialis
  n Pakistan 2863
  arasitised by, *Ibalia leucospoides,* and biological control using, in Pakistan 2863
ex juvencus
  n Poland 685
  n conifers, effects of 3833
  n *Picea abies,* in Poland 685
  arasitised by
    Ibalia drewseni, in Poland 685
    I. leucospoides, in Poland 685
ex noctilio
  Deladenus siricidicola in
    and biological control using 5230
    in New Zealand 5230
  n Australia 3833
  n New Zealand 4238, 5230
  n Poland 685
  n USSR 2853
  n *Abies alba,* in Poland 685
  n conifers, effects of 3833
  n *Pinus radiata,* effects of mucus of 1173
  arasitised by
    Ibalia leucospoides, in Poland 685
    Megarhyssa nortoni, and biological control using, in New Zealand 4238
icidae
  n Moldavia 3073
  n USSR 2250
  atural enemies of, in Belgium 458
o, Acarus
ymbrium irio, associated with cutworm infestations of cotton, in Texas 649
eroptes avenae
  iology of 3172
  lescriptions of 3172
  Fusarium poae in, in Poland 3172
  n Poland 3172
Siteroptes avenae *contd.*
  taxonomy of, *Siteroptes cerealium* misidentified as 3172
Siteroptes cerealium
  biology of 3172
  descriptions of 3172
  in Poland 3172
  taxonomy of
    misidentified as *S. avenae* 3172
    Siteroptes graminum as synonym of 3172
Siteroptes graminisugus
  descriptions of 3172
  Fusarium poae in, in Poland 3172
  in Poland 3172
Siteroptes graminum, taxonomy of, synonym of *S. cerealium* 3172
Siteroptes reniformis, *Nigrospora oryzae* and 213
Sitobion avenae (see *Macrosiphum*)
Sitobion fragariae (see *Macrosiphum*)
Sitona
  on pea, in West Germany 197
  on *Trifolium pratense,* in West Germany 197
Sitona ambiguus, taxonomy of, characters distinguishing *S. lineellus* and 307
Sitona callosus
  biology of 149
  control of, insecticides for 149
  in Romania 149
  on *Onobrychis viciifolia,* in Romania 149
Sitona cylindricollis, on *Melilotus officinalis,* feeding stimulants for 2752
Sitona decipiens
  activity in 59
  coldhardiness in 59
  in Finland 59
Sitona hispidulus
  activity in 59
  coldhardiness in 59
  in Finland 59
  in UK 4396
  on bean
    damage caused by 1915
    in UK 4396
  on lucerne, damage caused by 1915
  on pea
    damage caused by 1915
    in UK 4396
  on *Trifolium,* in UK 4396
  on *Trifolium pratense,* damage caused by 1915
  on *Vicia faba,* damage caused by 1915
Sitona humeralis
  control of, insecticides for 4948
  on bean, damage caused by 1915
  on lucerne, damage caused by 1915
  on pea, damage caused by 1915
  on *Trifolium pratense,* damage caused by 1915
  on *Vicia faba,* damage caused by 1915

Sitona limosus
  biology of 3027
  in Israel 3027
Sitona lineatus
  in UK 4396
  on bean
    damage caused by 1915
    in UK 4396
  on lucerne, damage caused by 1915
  on pea
    damage caused by 1915
    in UK 4396
    resistance to 1486
  on *Trifolium,* in UK 4396
  on *Trifolium pratense,* damage caused by 1915
  on *Vicia faba,* damage caused by 1915
Sitona lineellus, taxonomy of, characters distinguishing *S. ambiguus* and 307
Sitona puncticollis
  in USSR 1070
  natural enemies of, in USSR 1070
Sitona sulcifrons
  flight activity in 4622
  in UK 4396
  in West Germany 4622
  on bean, in UK 4396
  on pea, in UK 4396
  on *Trifolium,* in UK 4396
Sitophilus
  in stored maize, in Turkey 4487
  on sorghum, in Georgia (USA) 3702
Sitophilus granarius
  antigenic properties of 3624
  bromomethane tolerance in 2038
  control of
    Bacillus thuringiensis for 3571
    Beauveria bassiana for 3571
    fumigants for 4489–4490, 5245
    insecticides for 2482, 3400, 4491–4492
    juvenile hormone analogues for 2873
  humidity responses in 4632
  in Australia 2888
  in Bulgaria 725
  in Turkey 2409
  in UK 2881
  in dried forage, not able to breed 3864
  in stored barley, damage caused by 4404
  in stored rice
    damage caused by 4404
    varietal preferences of 4859
  in stored wheat, damage caused by 4404
  juvenile hormone analogues in, effects of 1605
  larval development in, on meridic diets 1702
  light responses in 4632
  mycetome in 3880
  phosphine in, effects of 781
  phosphine susceptibility in 780
  phototropism in 5043
  population dynamics of 725
Sitophilus oryzae
  antigenic properties of 3624
  biology of 3684, 4401
  control of
    fumigants for 271, 5150
    hardwood tar oil for 3403
    inert materials for 4592
    insecticides for 2481, 2484, 3855
    γ-irradiation for 1554, 1980, 2079, 4860
    juvenile hormone analogues for 287
    microwave irradiation for 4860
  development in, effects of γ-irradiated on 4603
  fecundity in, effects of γ-irradiation on 1575
  humidity responses in 4632
  in Bulgaria 725
  in Egypt 4401
  in Indonesia 4641
  in USA (Hawaii) 4641
  in *Hibiscus cannabinus* seeds, unable t develop 2425
  in stored barley, damage caused by 44
  in stored rice 1986
    damage caused by 4404
    varietal preferences of 4859
  in stored sorghum, resistance to, evaluation of 1982
  in stored wheat
    damage caused by 4404
    detection of 4861
    X-ray techniques for studying 2879
  light responses in 4632
  mycetome in 3880
    effects of antibiotics on 3394
  parasitised by, *Cerocephala dinoderi,* in Java 4641
  population dynamics of 725
  sterilisation of, γ-irradiation for 2079
  sterols in 3007
Sitophilus zeamais
  biology of 417, 3684
  control of, insecticides for 2030
  in Ethiopia 1827
  in Nigeria 3853
  in wheat products, development of 230
  in Yugoslavia 417, 3684
  in Zambia 1347
  in stored maize
    in Nigeria 3853
    in Yugoslavia 3684
    varietal preferences of 2415
  in stored wheat, detection of 4861
  juvenile hormone analogues in, effects o 2043
  marking of, fluorescent powders for 13
  on maize
    in Zambia 1347
    varietal preferences of 3847
  phosphine in, factors affecting knockdow by 4950

itosterol (*see* Stigmast-5-en-3-ol, (3β)-)
otroga cerealella
ompound eyes in, spectral responses of 5032
ontrol of
  fumigants for 271
  insecticides for 1985
  γ-irradiation for 1554
n Turkey 4487
n *Hibiscus cannabinus* seeds, unable to develop 2425
n stored maize
  in Turkey 4487
  resistance to 2413
  varietal preferences of 2414–2415
n stored rice 1986
  varietal preferences of 3299
netabolic reserves in 20
viposition in 2412
arasitised by
  Trichogramma cacoeciae 1792
  T. evanescens 3946
  T. minutum 2263
  T. pallidum 3946
reyed on by, *Collops vittatus* 2110
earing of, techniques for 2202
eproduction in 4583
ex pheromone of
  habituation to 2134
  methods for obtaining 1794
stedti, Podagrica
stedti, Taeniothrips
eleton weed (see *Chondrilla juncea*)
im-milk powder
liet component for
  Musca domestica, for testing *Bacillus thuringiensis* toxins 2193
  Zeiraphera diniana 1159
unks, preying on, *Harpalus erraticus,* in South Dakota 4715
vonicus, Quadraspidiotus
anea berteriana **(timber)**, preservative treatments for 2423
aragdina, Oecophylla
icromyrmini, in Malagasy Republic 302
icronyx, on *Striga,* in East Africa 5076
inthurus viridis, distribution maps for 2180
ithi, Aphidius
ap bean (see *Phaseolus vulgaris*)
ccata, Atherigona
cial insects, pheromones in 2996
dium
in insects 17
ion (Na^{1+})
  in *Heliothis zea* haemolymph 4090
  in *Periplaneta americana,* permeability of peripheral nerves to 4097
  in *Schistocerca gregaria,* permeability of peripheral nerves to 4097
dium chloride
in *Chironomus* breeding water 2729

Sodium chloride *contd.*
  not inhibiting insect feeding 2829
Sodium fluoride
  in *Agrotis segetum,* effects of 3393, 4523–4524
  in termites, effects on gut symbionts of 2272
Sodium fluosilicate (*see* Silicate(2–), hexafluoro-, disodium)
Sogata
  control of, insecticides for 3164
  on rice, in India 3164
Sogata orizicola (see *Sogatodes*)
Sogatella furcifera
  control of, insecticides for 2730
  flight activity in 767
  in India 4263
  in Japan 521, 767, 920, 2730
  on rice 4262
    in Japan 521, 920, 2730
    in Madhya Pradesh 4263
    resistance to 4260
  padi jantan disease, causal agent in, not transmitted 3166
  penyakit merah virus in, not transmitted 3166
Sogatodes orizicola
  in Peru 4273
  on rice, in Peru 4273
Soil
  aldicarb in
    leaching of 4025
    mobility of 4026
    persistence of 4027
    residues of 4964
  aldrin in, residues of 4962, 4976
  amidithion in, persistence of 4027
  arthropods in, not affected by low-frequency electromagnetic radiation 1761
  BHC in, residues of 3698
  γ-BHC in, leaching of 4025
  Bux in, metabolism of 2930
  carbamates in, persistence of 2075
  chlordane in
    persistence of 3988
    residues of 4976
  chlorfenvinphos in, residues of 1643, 3609
  DDT in
    degradation of 1615
    persistence of 4268
    residues of 5253
  diazinon in
    products of 4009
    residues of 1643, 3609
  dieldrin in
    persistence of 4268
    residues of 4976
  disulfoton in
    mobility of 4026
    persistence of 4027

- **Soil** *contd.*
  - Dyfonate in, residues of 1643, 4023
  - fenazaflor in, residues of 1225, 1624
  - fensulfothion in
    - determination of 3983
    - persistence of 5243
    - residues of 1643
  - gases in, effects on arthropods of 2166–2167
  - heptachlor in
    - mobility of 4026
    - persistence of 3988, 4027
    - residues of 2048
  - insecticides in
    - microbial degradation of 1631
    - persistence of 1626
  - insects in
    - effects of glutamic acid on 46
    - extraction of 5045
  - malathion in, residues of 4976
  - methyl-parathion in, effects on mesofauna of 1241
  - parathion in
    - adsorption of 3984
    - residues of 4982, 4985
    - uptake of, by tomatoes 5153
  - pest control in 42, 53, 263
  - pesticides in
    - adsorption of 1629
    - bioactivity of 1629
    - residues of 1652, 2496
  - phorate in
    - leaching of 4025
    - persistence of 1627, 2054
  - thiometon in, effects on mesofauna of 1241
  - trichloronate in, residues of 3609
  - *Trichoplusia* nuclear polyhedrosis virus in, persistence of 4411
- ***sojae, Melanagromyza***
- ***sokolowi, Telenomus*** (see *T. chloropus*)
- ***solana, Solanasca,*** (*Empoasca*)
- ***Solanasca,*** gen. n., erected for *Empoasca solana* group 2091
- ***Solanasca dominica***
  - sp. n., description of 2091
  - in Dominica 2091
  - on *Carica papaya,* in Dominica 2091
- ***Solanasca solana***
  - taxonomy of, transferred from *Empoasca* 2091
  - group of, keys to 2091
- ***solanella, Aphis***
- ***solani, Aulacorthum***
  - (*Acyrthosiphon*)
  - (*Macrosiphum*)
- ***solanifolii, Macrosiphum*** (see *M. euphorbiae*)
- ***solanivora, Scrobipalpopsis***
- ***Solanum campylacanthum, Epilachna fulvosignata*** on, phagostimulants for 1300
- ***Solanum dulcamara, Pegomya hyoscyami*** 205
- ***Solanum laciniatum, Pegomya hyoscyami*** 205
- ***Solanum melongena*** (see Eggplant)
- ***Solanum nigrum, Eriophyes kuko*** on South Korea 2823
- ***Solanum tuberosum*** (see Potato)
- ***solena, Eupneusta***
- ***Solenopsis geminata***
  - in USA 1855
  - preying on, soy-bean pests, in Florida 1855
- ***Solenopsis invicta***
  - brood nutrition in 5058
  - colony development in 1823
  - control of
    - bait toxicants for 269
    - baits for 989
    - insecticides for 5057
  - forced copulation of 1822
  - in Brazil 4694
  - in USA 989, 1823, 1855, 4694–4695
  - JH mimics in, effects of 4687
  - parental relationships in 5058
  - preyed on by
    - *Paratrechina melanderi,* in Mississippi 4695
    - *Solenopsis molesta,* in Mississippi 46
  - preying on, soy-bean pests, in Florida 1855
- ***Solenopsis molesta***
  - in USA 4695
  - preying on
    - *Solenopsis invicta,* in Mississippi 469
    - *S. richteri,* in Mississippi 4695
- ***Solenopsis monticola***
  - in France 1162
  - preying on
    - *Villa brunnea,* in France 1162
    - *V. velutina,* in France 1162
- ***Solenopsis pergandei***
  - in USA 1855
  - preying on, soy-bean pests, in Florida 1855
- ***Solenopsis richteri***
  - control of, baits for 989
  - digestive enzymes in 332
  - forced copulation of 1822
  - in USA 989, 3654, 4695
  - on soy bean, in Florida 3654
  - preyed on by
    - *Neivamyrmex opacithorax,* in Mississippi 4695
    - *Pachydiplax longipennis,* in Florida 3654
    - *Solenopsis molesta,* in Mississippi 46
- ***Solenopsis saevissima,*** complex of, in Brazi 4694
- ***Solidago juncea, Rhopalomyia hirtipes*** on, in New York 5175
- ***solitaria, Thaumetopoea***

itarium, Pachyneuron
omon Islands
  Amblypelta cocophaga in, on coconut 4765
  Brontispa longissima in, on coconut 4765
  Megaceresium horni in, on cacao 5172
omonensis, Leptocorisa
stitiale, Amphimallon
lvirex (*see* Disulfoton)
nniaria, Lambdina fiscellaria
chi, Brachyunguis
chi, Dactynotus
nchus asper, *Brachyunguis sonchi* on, in Afghanistan 859
nchus oleraceus, lettuce necrotic yellows virus in, in New Zealand 1568
ng
  n *Gryllus bimaculatus* 2173
  n *Gryllus campestris* 2173
norensis, Campoletis
norus, Deltocephalus
phoreae, Brassolis
rbic acid (*see* 2,4-Hexadienoic acid)
rbitol (*see* D-Glucitol)
orbose, in *Anthonomus grandis,* not metabolised to polyol 4082
rbus
  Argyresthia conjugella on, in USSR 561
  Euproctis chrysorrhoea on, in France 565
rbus aucuparia, *Argyresthia conjugella* on, in Lithuania 3944
rbus intermedia, *Phyllonorycter corylifoliella* on, in UK 2090
rdens, Apamea
rdida, Hadena
rdidula, Megadelphax
rdidus, Cosmopolites
rdidus, Elasmolomus
  (*Aphanus*)
  (*Rhyparochromus*)
rex cinereus, DDT in, residues of 4980
rghicola, Contarinia
rghiella, Nola, (*Celama*)
rghum (*Sorghum vulgare*)
  Amsacta moorei on 2111
  Astylus atromaculatus on, in Argentina 2741
  Atherigona spp. on, in Uganda 4756
  A. soccata on
    in India 1063–1065, 4277
    in Mysore 5101
    in Nigeria 1061
    in Thailand 1049, 1062
    in West Africa 1052
    resistance to 1055–1060, 4277
  A. varia on, in Rajasthan 526
  Chilo orichalcociliellus on, in Kenya 3687
  C. partellus on, in Kenya 3687
  Chiloloba acuta on, in Rajasthan 2224

Sorghum *contd.*
  Contarinia sorghicola on
    in Florida 2301
    in Georgia (USA) 4275, 5100
    in Karnataka 4228
    in Madhya Pradesh 4274
    in Mexico 2715
    in West Africa 1052
  Cryptoblabes gnidiella on
    in Egypt 4609
    in Uttar Pradesh 1875
  Diatraea grandiosella on, in USA 2724
  Elasmopalpus lignosellus on, in Mississippi 1876
  insecticides in, toxicity of 2717
  Lachnosterna consanguinea on, in Uttar Pradesh 1114
  L. crinita on, in Texas 125
  Lepidopterous stem-borers on, in West Africa 2703
  Longiunguis sacchari on, in India 1256
  Monomorium salomonis on, in Rajasthan 142
  Mythimna separata on, in Japan 1427
  Oligonychus pratensis on, in Texas 1865
  Oxycetonia versicolor on, in Rajasthan 2224
  pests of
    in Georgia (USA) 3702
    in Queensland 4276
  Pheidole sulcaticeps on, in Rajasthan 142
  Protaetia alboguttata on, in Rajasthan 2224
  P. aurichalcea on, in Rajasthan 2224
  Pyrilla perpusilla on, in Madhya Pradesh 3704
  Pyroderces simplex on, in Egypt 129
  Rhopalosiphum maidis on
    in Bulgaria 140
    in Texas 1873–1874
  Schizaphis graminum on
    damage caused by 5102
    in Bulgaria 140
    in Romania 141, 3703
    in South Africa 4741
    in Texas 1428, 1873–1874, 2300
    resistance to 1429
  Sesamia calamistis on, in Kenya 3687
  shoot flies on, in Africa 1047
  Sphenophorus spp. on, in Mississippi 1876
  Spodoptera compta on 5095
  S. frugiperda on, effects of fertilisers on 3674
  Tetranychus urticae on, in Texas 1865
  trap crop for *Taylorilygus vosseleri* 639
  Typhaea stercorea on, in Uttar Pradesh 1875
Sorghum fodder, insecticides in, residues of 4976

Sorghum halepense
  Chilo infuscatellus on, in Uttar Pradesh 2302
  Diatraea grandiosella on, in USA 2724
  Raphimetopus ablutellus on, in Uttar Pradesh 2302
  sugar-cane mosaic virus in, in Australia 2283
Sorghum (stored grain)
  insecticides in, residues of 4976
  Sitophilus oryzae in, resistance to 1982
  storage of, in Ghana 3853
Sorghum sudanense, *Diatraea grandiosella* on, in USA 2724
Sorghum vulgare (see Sorghum)
sororcula, Dioxyna
Sound, effects of, on, *Plodia interpunctella* 5033
South Africa
  Aceria sheldoni in, on orange 587
  Brevicoryne brassicae in
    natural enemies of 601
    on cabbage 600, 1479, 1911
  Cheloctonus jonesii in 776
  Coccus hesperidum in, natural enemies of 314
  Diaspididae in 2972
  Dionychopus amasis in
    natural enemies of 2910
    on ornamental plants 2910
  fruit pests in 541
  Gascardia spp. in, natural enemies of 314
  Gonimbrasia belina in
    natural enemies of 106
    on *Colophospermum mopane* 106
  Hakea spp. in, biological control of 1027
  Hodotermes mossambicus in 72, 146, 275, 534, 776, 2010
  Hyadaphis erysimi in
    natural enemies of 601
    on cabbage 600, 1479, 1911
  Hypericum perforatum in, biological control of 1027
  Ischnaspis tecleae in 4993
  Lantana camara in, biological control of 1027
  Locustana pardalina in 436, 983
  Macchiademus diplopterus in 4248
  Metaphycus spp. in 314
  Myzus persicae in
    natural enemies of 601
    on cabbage 600, 1479, 1911
  Nipaecoccus vastator in
    natural enemies of 999
    on *Citrus* 999
  Opuntia spp. in, biological control of 1027, 2700
  Panonychus citri in, on *Citrus* 3749
  Paracoccus burnerae in
    natural enemies of 999
    on *Citrus* 999
South Africa *contd.*
  pest control in 3346
  Phthorimaea operculella in 196
    natural enemies of 998
    on potato 998
  Phytoseiidae in 309
  Pseudococcidae in 305
  Saissetia oleae in, natural enemies of 3
  Salagena spp. in, on *Litchi chinensis* 4777
  Schizaphis graminum in
    on sorghum 4741
    on wheat 4741
  Serrodes partitus in
    on fruit trees 555
    on peach 176
  Spodoptera exigua in
    natural enemies of 998
    on potato 998
  Trioza erytreae in
    natural enemies of 999
    on *Citrus* 179, 999
  Viteus vitifoliae in, on grape vine 153
South Australia
  Aonidiella aurantii in, on *Citrus* 760, 4779–4781
  Bruchus pisorum in, on pea 4336
  Chondrilla juncea in
    Aceria chondrillae for biological cont
      of 3672
    Cystiphora schmidtii for biological control of 3672
  Cydia pomonella in, on apple 4295
  Halotydeus destructor in, on pea 4336
  Heliothis punctigera in, on pea 4336
  Nysius vinitor in 3034–3035
  pest control in 2751
South Carolina
  Anticarsia gemmatalis in, on soy bean 4794
  Dioryctria taedae in, on *Pinus* 4061
  Epilachna varivestis in, on soy bean 4794
  Eriophyes gardeniella in, on gardenia 4147
  Graminella nigrifrons in, on maize 474
  Heliothis zea in, on soy bean 4794
  Lasioderma serricorne in, natural enemie
    of 3895
  Macrosteles fascifrons in, on maize 474
  pecan in, pests of 154
  Pieris rapae in
    on cabbage 5142
    on kale 5142
  Plathypena scabra in, on soy bean 4794
  Trichoplusia ni in
    on cabbage 5142
    on kale 5142
South Dakota
  Altica subplicata in, on *Salix* 3670
  Disonycha alternata in, on *Salix* 3670

th Dakota *contd.*
  uxoa auxiliaris in, natural enemies of 2004
  arpalus erraticus in 4715
  ypera postica in
    natural enemies of 4762
    on lucerne 4762
  elanoplus spp. in 1431
  enebrionidae in, on wheat 374
th Korea
  phids in 265
  occidae in 2651
  endrolimus spectabilis in
    natural enemies of 3537
    on *Pinus* 3537
  ryocosmus kuriphilus in, natural enemies of 109
  riophyes kuko in 2823
  ruit-sucking moths in 151
  yphantria cunea in 12, 81
    natural enemies of 3642
  anonychus ulmi in 2924
  ygaera anastomosis in, on *Populus* 1155
  etranychus urticae in 2924
  hecodiplosis japonensis in, natural enemies of 2655
  hrips in 993, 2586, 4145
  richagalma serrata in, natural enemies of 109
  ylotrechus rusticus in, on *Populus* 1546
wthistle (see *Sonchus oleraceus*)
wthistle yellow vein virus
  n
    Hyperomyzus lactucae
      effects of 4871
      transmission of 4419
    Macrosiphum euphorbiae, multiplication of 4419
y bean (*Glycine max*)
  Acrocercops spp. on, in Uttar Pradesh 616
  Anticarsia gemmatalis on
    in Alabama 4794
    in Florida 202, 4794, 5035
    in Georgia (USA) 4794
    in South Carolina 4794
  ants on, in Florida 1855
  arthropods associated with, in Japan 4139
  Coptosoma cribrarium on, in Uttar Pradesh 616
  C. minimum on, in Uttar Pradesh 616
  Dectes texanus on, in Missouri 85
  Empoasca fabae on, in Iowa 3775, 4793
  Epilachna varivestis on
    in Alabama 4794
    in Florida 3654, 4794
    in Georgia (USA) 4794
    in South Carolina 4794
  Euxoa detersa on, in Illinois 3691
Soy bean *contd.*
  groundnut mottle virus in, in East Africa 621
  Heliothis nuclear polyhedrosis virus on, persistence of 4915
  H. virescens on, in Florida 3654
  H. zea on
    in Alabama 4794
    in Florida 3129, 3654, 4794
    in Georgia (USA) 4794
    in South Carolina 4794
  insecticides in, method for determining effects of 4339
  Lachnosterna consanguinea on, in Uttar Pradesh 1114
  Myllocerus undecimpustulatus on, in India 1918
  Nezara viridula on, damage caused by 1488, 1557
  Oberea brevis on, in Madhya Pradesh 4795
  Pagria signata on, in Uttar Pradesh 616
  pests of
    in Madhya Pradesh 4338, 5149
    in New South Wales 4337
  Plathypena scabra on
    in Alabama 4794
    in Florida 4794
    in Georgia (USA) 4794
    in Iowa 148, 1489
    in South Carolina 4794
  Pseudoplusia includens on
    in Florida 3129, 3654
    in Louisiana 3324
  Riptortus linearis on, in Jabalpur 2228
  Solenopsis richteri on, in Florida 3654
  soy-bean mosaic virus in, in Taiwan 618
  Spodoptera littoralis on, in Egypt 1372
  subterranean clover red-leaf virus in, in New Zealand 3713
  Tetranychus urticae on, in India 1918
  Tetrastichus spp. on, in Uttar Pradesh 616
Soy-bean flour
  diet component for, *Adoxophyes orana* 1092
  Sciara auripila in, development of 486
Soy-bean hydrolysate, diet component for, *Dacus oleae* 5047
Soy-bean mosaic virus
  in
    Myzus persicae, transmission of 618
    soy bean, in Taiwan 618
Soy-bean oil
  bait component for
    leaf-cutting ants 2244–2246
    Solenopsis spp. 989
  fatty acids in, effects of *Nezara viridula* damage to seeds on 1488
Soy-bean protein, diet component for, *Papilio protenor* 3059

Soy bean (stored seeds)
  insecticides in, residues of 4976
  Lasioderma serricorne in, damage caused by 1557
  pest control in, fumigants for 5150
  pests of, in Madhya Pradesh 4338
***spadix, Codiosoma,* (*Pselactus*)**
Spain
  Acyrthosiphon pelargonii in, on strawberry 1075
  Adoxophyes orana in, on apple 3196
  Aelia spp. in, on wheat 1407
  A. germari in, on wheat 1406
  Aglaope infausta in, on almond 3187
  agricultural pests in 941
  agricultural products in, fumigant residues in 4016
  Agrotis segetum in, on apple 3196
  Aleurothrixus floccosus in, on *Citrus* 3748
  Amphorophora spp. in, on strawberry 1075
  Anarsia lineatella in
    on almond 3727
    on apricot 3727
    on peach 3727
  Aphis fabae in, on strawberry 1075
  A. gossypii in, on *Citrus* 4308
  Archips rosanus in, on pear 3202
  Cacoecimorpha pronubana in, on *Citrus* 4311
  Ceratitis capitata in 3966–3967
    on *Citrus* 3751, 4311, 4778
    on fruit trees 1100
  Chaetosiphon fragaefolii in, on strawberry 1075
  Chilo suppressalis in, on rice 4015
  Collembola in 2257
  Cydia pomonella in, on apple 172, 174, 1083, 1088, 1094, 3196, 4771, 4775
  Dacus oleae in, on olive 1102, 3757
  Dasineura pyri in, on pear 1095, 3201
  Ectomyelois ceratoniae in, on *Citrus* 4311
  forest pests in 674
  Hoplocampa brevis in, on pear 3203
  Hydraecia xanthenes in, on *Cynara* 3095
  Janus compressus in, on pear 1096
  Lymantria dispar in
    natural enemies of 3279
    on *Quercus* 3279
  Matsucoccus feytaudi in, on *Pinus* 3356
  Megachile pacifica in, introduced as lucerne pollinator 3638
  Myelophilus destruens in 680
  M. minor in, on *Pinus* 680
  M. piniperda in, on *Pinus* 680
  Myzus persicae in, on peach 178, 3208, 3742
  Oryzaephilus mercator in 3391
  Ostrinia nubilalis in, on maize 3685–3686, 4745
Spain *contd.*
  Panonychus ulmi in
    on apple 1089, 3196–3197, 3725, 47
    on peach 3725
    on pear 3725
  peach in, pests of 1458
  pear in, pests of 1458
  Phytoptus avellanae in, on hazel 3095
  Pinus in, pests of 667
  Pissodes notatus in, on *Pinus* 680
  Planococcus citri in, on *Citrus* 3211, 4311
  Prays citri in, on *Citrus* 3753
  P. oleae in, on olive 1103–1104, 3095, 3216
  Quadraspidiotus perniciosus in
    on apple 1082
    on pear 1082
  Rhyacionia buoliana in, on *Pinus* 677, 679
  Saissetia oleae in
    on *Citrus* 4311
    on olive 3095, 3755–3756
  Sesamia nonagrioides in, on maize 3685–3686, 4745
  Synanthedon myopaeformis in, on apple 1090
  Tenuipalpus punicae in, on pomegranate 190
  Thaumetopoea pinivora in, on *Pinus* 66
  T. pityocampa in
    natural enemies of 669–670
    on *Pinus* 665, 668–669
  tobacco in, pests of 2842
  Zeuzera pyrina in, on apple 173
Spalangia drosophilae
  in USA 1838
  parasitising, *Oscinella frit,* in Virginia 1838
Spallanzania griseiventris, in USSR 3134
Spanagonicus albofasciatus
  in USA 3129, 4818
  preying on
    Heliothis zea, in Florida 3129
    Pectinophora gossypiella, in California 4818
    Pseudoplusia includens, in Florida 3129
Sparganobasis subcruciatus
  in Papua New Guinea 4144
  on coconut, in Papua New Guinea 4144
Sparganothis pilleriana
  descriptions of 1078
  diapause in 3185
  in Turkey 4469
  on grape vine
    in Turkey 4469
    varietal preferences of 552
Sparganothis sulfureana
  control of 152
  in USA 152
  on cranberry, in USA 152

- **arrow** (see *Passer*)
- **arrow, house** (see *Passer domesticus*)
- **arrow, tree** (see *Passer montanus*)
- ***arsana, Acleris***
- ***eciosa, Diabrotica***
- ***ectabilis, Dendrolimus***
- ***ectra, Tettigella,*** (*Tettigoniella*)
- ***ectrana, Clepsis***
- ***ectrum, Xeris***
- ***ecularis, Megastigmus***
- ***ecularius maindroni***
  - in India 5147
  - on lentil, in India 5147
- ***ermophagus,*** on *Phaseolus aureus,* in India 5147
- ***ermotrophus, Megastigmus***
- **haeritidae,** in Poland 297
- ***haerolecanium prunastri*** (see *Eulecanium*)
- ***haerophoria scripta,*** preying on, *Brevicoryne brassicae* 3765
- **hecidae,** in Kazakhstan 2626
- ***henophori, Lixophaga***
- ***henophorus***
  - control of, insecticides for 1876
  - on sorghum, in Mississippi 1876
- ***henophorus parvulus***
  - biology of 1438
  - control of 1438
  - in USA 1438
- ***henophorus venatus vestitus***
  - biology of 1438
  - control of 1438
  - in USA 1438
- ***henoptera,*** on cotton, in Haryana 4351
- ***henoptera davatchii***
  - control of 1884
  - in Iran 1884
- ***henoptera kambyses***
  - control of 1884
  - in Iran 1884
- ***hingis, Telenomus***
- **hingomyelins,** in *Vitula edmandsii* 2544
- ***icaria***
  - in
    - *Archips rosanus,* in Lithuania 3950
    - orchard pests, in Lithuania 3948
- ***icaria farinosus*** (see *Paecilomyces*)
- ***icaria fumosa,*** in, orchard pests, in Lithuania 3948
- ***icaria rileyi*** (see *Beauveria*)
- **iders**
  - fungi in, in Ghana 3289
  - in rice-fields, in Taiwan 4722
  - in soil, effects of fenitrothion on 2949
  - insecticides in, toxicity of 5114
  - malathion in, toxicity of 4011
  - on strawberry, in Norway 5114
  - preying on
    - *Milionia isodoxa,* in Papua New Guinea 4395
    - *Thecodiplosis japonensis,* in South Korea 2655
- ***Spilochalcis,*** parasitising, *Rhyacionia frustrana,* in Nicaragua 3264
- ***Spilochalcis albifrons***
  - parasitising
    - *Bathyplectes* spp., in North America 3531
    - *Hypera* spp., in North America 3531
- ***Spilochalcis hirtifemora***
  - in USA 5059
  - parasitising
    - *Apanteles congregatus,* in North Carolina 5059
    - *Campoletis sonorensis,* in North Carolina 5059
- ***Spilochalcis sanguiniventris***
  - parasitising
    - *Bathyplectes* spp., in North America 3531
    - *Hypera* spp., in North America 3531
- ***Spilochalcis side***
  - hyperparasitising
    - *Heliothis virescens* 3335
    - *H. zea* 3335
  - in USA 5059
  - Microsporidia in 3335
  - parasitising
    - *Apanteles congregatus,* in North Carolina 5059
    - *Campoletis sonorensis,* in North Carolina 5059
    - *Nythobia insularis,* in North Carolina 5059
    - *Pieris rapae,* in North Carolina 5059
- ***Spilonota lechriaspis***
  - in China 5125
  - on apple, in China 5125
- ***Spilonota ocellana***
  - in Hungary 1084
  - in Netherlands 5124
  - larval mandibles in 5124
  - on apple
    - in Hungary 1084
    - in Netherlands 5124
- ***Spilonota prognatha***
  - in USSR 5123
  - on pear, in Maritime Province 5123
- ***Spilostethus pandarus***
  - in India 4351
  - on cotton, in Haryana 4351
  - water uptake in, effects of plant substances on 5261
- ***Spinacea oleracea*** (see Spinach)
- **Spinach** (*Spinacea oleracea*)
  - *Atomaria linearis* on, in UK 1494
  - γ-BHC in, residues of 5253
  - DDT in, residues of 5253
  - *Hylemya platura* on, in Turkey 4444
  - insect pests of, in India 1111
  - *Lipaphis erysimi* on, in China 5140
  - *Myzus persicae* on
    - in China 5140
    - in Texas 194

Spinach *contd.*
- pesticide residues in, effects of heat processing and storage on 1613
- *Schistocerca gregaria* on 984
- vamidothion in, residues of 785

Spindle (see *Euonymus*)

Spinibdella bifurcata
- biology of 1380
- in Egypt 1380

spinifera, Agrotis, (*Euxoa*)

spinigera, Edwardsiana

spinipennis, Plagiohammus

Spinococcus captiosus, taxonomy of, transferred to *Oxyacanthus* 305

spinosus, Jalysus

spinulosa, Mustha

spiraecola, Aphis

Spiroplasma citri
- associated with citrus stubborn disease 3869
- in
  - *Dalbulus elimatus,* multiplication of 3869
  - *Draeculacephala* spp., multiplication of 3869
  - *Macrosteles fascifrons,* multiplication of 3869

spissicornis, Coleophora

Spodoptera
- on cotton
  - in Colombia 1928
  - in Haryana 4351

Spodoptera compta
- descriptions of 5094
- food-plants of 5095
- in India 5094
- on rice
  - damage caused by 5094
  - in Orissa 5094

Spodoptera dolichos
- attractants for 1693
- in USA 1693

Spodoptera eridania
- acoustic receptor in 1706
- control of, insecticides for 771, 2484
- enzymes in 883
- lipids in 883

Spodoptera exempta
- in Rhodesia 4742
- on wheat, in Rhodesia 4742

Spodoptera exigua
- amino acids in 877
- biology of 95–96
- control of
  - insecticides for 2839, 4813
  - integrated 1831
- development in, effects of food-plant on 1360, 1744, 3469
- enzymes in 1135
- fecundity in, effects of γ-irradiation on 4601

Spodoptera exigua *contd.*
- fertility in
  - effects of diet on 2553
  - effects of in-breeding on 2553
  - effects of γ-irradiation on 4601
- granulosis virus in, effects of 3645
- in Egypt 1768
- in India 1121, 2662, 2816, 2839, 5149
- in Iran 4360, 4813
- in Pakistan 3620
- in South Africa 998
- in USA 1520
- in USSR 1830–1831, 4784, 5157, 5159
- melanism in 3489
- nuclear polyhedrosis virus in 4423
  - effects of 4892
- on bean, in Uzbekistan 4784
- on *Calendula officinalis,* in Pakistan 3620
- on cereals, in Uzbekistan 4784
- on *Cosmos sulphureus,* in Pakistan 362
- on cotton
  - in California 1520
  - in Iran 4360, 4813
  - in Tadzhikistan 5159
  - in Turkmenia 1831
  - in Uzbekistan 5157
- on jute
  - damage caused by 2839
  - in India 2839
- on kohlrabi, in Pakistan 3620
- on lettuce, in Pakistan 3620
- on pea, in Rajasthan 1121
- on potato, in South Africa 998
- on soy bean
  - damage caused by 5149
  - in Madhya Pradesh 5149
- on sugar-beet, in Rajasthan 2816
- parasitised by
  - *Chelonus formosanus,* in Gujarat 266
  - *C. heliopae,* in Gujarat 2662
  - *Eriborus argenteopilosus,* in Gujarat 2662
  - *Orgilus parcus,* in South Africa 998
  - *Rogas pellucens,* in Turkmenia 1830
  - *Strobliomyia orbata,* in Gujarat 2662
  - *Temelucha* spp., in Gujarat 2662
- pathogens of 3928
- predators of, effects of insecticides on 1520
- preyed on by
  - *Chrysopa carnea,* in California 1520
  - *Geocoris pallens,* in California 1520
  - *Lygus hesperus,* in California 1520
  - *Nabis americoferus,* in California 1520
  - *Orius tristicolor,* in California 1520
- seasonal abundance of 1768
- sterilisation of, chemosterilants for 647, 2145
- survival in, effects of food-plant on 1360

Spodoptera frugiperda
- control of
  - *Bacillus thuringiensis* for 1411
  - in Mexico 2712
  - insecticides for 771, 1411, 3167, 5092
- development in, effects of azasteroids on 1604
- granulosis virus in, properties of 246
- in Colombia 1928
- in Guyana 3167
- in Mexico 2712
- in USA 88, 1411
- in Venezuela 1010, 5092
- nuclear polyhedrosis virus in, development of 3331
- on cotton, in Colombia 1928
- on *Cynodon dactylon,* effects of plant nutrition on 3674
- on maize
  - assessing infestations of 88
  - damage caused by 3690
  - effects of fertilisers on 5091
  - effects of plant nutrition on 3674
  - in Florida 88, 1411
  - in Venezuela 1010, 5092
  - resistance to, effects of fertilisers on 2291
- on rice, in Guyana 3167
- on sorghum, effects of plant nutrition on 3674
- parasites of, in Venezuela 1010
- UV sensitivity in 247
- viruses in, storage of 3898

Spodoptera littoralis
- amino acids in 877
- attractants for 5164
- carbaryl in, effects of 4004
- control of
  - antifeedants for 1590, 1818, 2833–2834, 3370, 3421–3423
  - *Bacillus thuringiensis* for 4495–4497
  - fumigants for 3991
  - insecticide-virus mixtures for 3244
  - insecticides for 645, 763, 1882, 1929–1930, 3253, 3395, 3777, 3800, 3978, 4449–4450, 5168, 5247–5248, 5250
  - oil emulsions for 4764
- endrin in, effects of 4004
- enzymes in 1135, 4569
- feeding behaviour in 4674
  - effects of food colour on 1759
- flight activity in 3521
- food-plants of 646, 1372
- food preferences of 510
- in Cyprus 2197, 2543, 5164
- in Egypt 645, 648, 763, 1072, 1372, 1384, 1768, 1882, 1930, 2833, 3244, 3253, 3513, 3648, 3777, 3800, 3804, 4764, 5061, 5168
- in Mozambique 2826
- in Spain 941

***Spodoptera littoralis** contd.*
- in Turkey 2197, 4449–4450
- insecticide resistance in, development of 4508
- insecticide susceptibility in, effects of food-plant on 3395
- larval development in 2227
  - effects of food-plant on 644
- marking of, dyes in diet for 3551
- mating in, effects of metepa on 643
- methyl-parathion in, effects of 4004
- methyl-parathion resistance in 5250
- morphology of 7
- on cotton, in Egypt 648, 1930, 2833, 3244, 3253, 3800, 5168
- on maize, in Egypt 3648
- on potato, in Cyprus 2197, 5164
- on *Ricinus communis,* in Mozambique 2826
- on sweet potato, in Egypt 3777
- on *Trifolium*
  - assessing infestations of 1072
  - in Egypt 645, 648, 1072, 3804
- on *Trifolium alexandrinum,* in Egypt 1882, 4764
- oviposition in 1372, 3804
- parasitised by, *Telenomus remus* 4716
- pathogens of 3928
- phagostimulants for, bioassay of 4155
- polyhedrosis virus in, and biological control using 3244
- population dynamics of 648
  - predicting effects of chemical control on 929
- preyed on by
  - *Anisolabis annulipes,* in Egypt 3513
  - *Blaptostethus piceus,* in Egypt 3648
  - *Coccinella undecimpunctata* 1384
  - *Labidura riparia* 1384
    - in Egypt 5061
- pupal respiration in 28, 36
- rearing of
  - diets for 1141
  - techniques for 1790
- reproductive system in, development of 356
- seasonal abundance of 1768
- sex pheromone of 2543
- sterilisation of
  - chemosterilants for 2013–2014, 2146, 4605
  - herbicides for 3502
  - γ-irradiation for 1311
- taxonomy of 310
- toluene derivatives in, oxidation of 2838, 3796
- traps for 2197

Spodoptera litura
- alimentary canal in 2107
- biology of 3622
- control of, insecticides for 2370, 2935, 3396, 4003, 4901

Spodoptera litura *contd.*
- diazinon in, effects of 4003
- dichlorvos in, effects of 4003
- endosulfan in, effects of 4003
- in Cambodia 2370
- in China 1139
- in India 2662, 5149
- in Japan 3518
- in Jordan 4901
- mating in 3518
- nuclear polyhedrosis virus in
  - effects of 4422
  - formulations of 737
- on cotton, in Cambodia 2370
- on lucerne, in Jordan 4901
- on soy bean
  - damage caused by 5149
  - in Madhya Pradesh 5149
- organic phosphates in, effects of 2135
- parasitised by
  - *Apanteles* spp., in Gujarat 2662
  - *Charops obtusus,* in Gujarat 2662
  - *Chelonus formosanus,* in Gujarat 2662
  - *C. heliopae* 1847
    - in Gujarat 2662
  - *Strobliomyia orbata,* in Gujarat 2662
  - *Trichogrammatoidea armigera* 2663
- polyhedrosis virus in, in China 1139
- rearing of, techniques for 3622
- sex pheromone of, bioassay for 3053
- traps for 3559

***Spodoptera litura* auct.** (see *S. littoralis*)

Spondias
- *Anastrepha mombinpraeoptans* on, in Jamaica 3758
- *Rothschildia aroma* on, in El Salvador 1578

Spondias mombin, *Bunaea alcinoe* on, in Nigeria 3283

spondylii, Phytomyza

sporadicus, Afromelanichneumon

Sporothrix, in, *Dendroctonus frontalis* 3826

Sprays
- equipment for
  - applied from aircraft 2029
  - battery-operated ULV 3048–3049
  - hand-held ULV atomiser 1785
  - laboratory 405
  - laboratory spraying tower 927
  - mixing insoluble powders with water 2449
- laboratory test methods for 1786
- techniques for
  - ULV 1583, 1780, 2016–2017, 3930
    - papers for sampling solvent deposits from 2185
- use of, drift resulting from 2956

spretulus, Ataenius

Springbok (see *Antidorcas marsupialis*)

Spruce (see *Picea*)

Spruce, black (see *Picea mariana*)

Spruce budworm (see *Choristoneura fumiferana*)

Spruce cone moth (see *Dioryctria reniculelloides*)
- taxonomic status of 2511

Spruce, eastern (see *Picea orientalis*)

Spruce, Engelmann (see *Picea engelmannii*)

Spruce, Norway (see *Picea abies*)

Spruce, oriental (see *Picea orientalis*)

Spruce, Sitka (see *Picea sitchensis*)

Spruce, white (see *Picea glauca*)

spumarius, Philaenus

spuria, Pimpla

sputator, Agriotes

squalidus, Agriotes

Squash
- *Aphis gossypii* on, in Egypt 3771
- *Bemisia tabaci* on, in Egypt 3771
- carbophenothion in, residues of 4327
- *Diaphania nitidalis* on, in Georgia (USA) 4328
- dimethoate in, residues of 4327
- *Hylemya platura* on, in Turkey 4444
- *Melittia cucurbitae* on
  - feeding preferences of 607
  - in Georgia (USA) 4328
- omethoate in, residues of 4327
- phosalone in, residues of 4327
- *Tetranychus arabicus* on, in Egypt 3771
- *T. cinnabarinus* on, in Egypt 3771
- *Thrips tabaci* on, in Egypt 3771

Sri Lanka
- *Agrotis* and allied genera in 856
- *Brevipalpus californicus* in, on tea 5174
- *Buzura suppressaria* in, on tea 2846
- *Glyptotermes dilatatus* in, on tea 4367
- *Neotermes greeni* in, on tea 4367
- *Oligonychus coffeae* in, on tea 5174
- *Pachydiplosis oryzae* in
  - natural enemies of 312
  - on rice 312
- *Postelectrotermes militaris* in, on tea 4367
- rice in, pest control on 4755
- *Sternochetus mangiferae* in, on mango 2588
- *Xyleborus fornicatus* in, on tea 658

stabulans, Muscina

staerki, Pronematus

Staley no. 7 (*see* Protein hydrolysate)

stali, Euborellia

stali, Idiocerus, (*Idiocerinus*)

staminata, Edwardsiana

stanleyi, Metaphycus

Stannane, (acetyloxy)triphenyl- (*see* Fentin acetate)

Stannane, hydroxytriphenyl- (*see* Fentin hydroxide)

Stannane, tricyclohexylhydroxy- (cyhexatin

- against
  - *Aceria guerreronis* 260

annane, tricyclohexylhydroxy- *contd.*
  against *contd.*
    Brevipalpus californicus 5174
    Oligonychus coffeae 5174
    Panonychus ulmi 2924, 3196
    Tetranychus urticae 4455, 5129
    T. viennensis 4464, 4468
  antifeedant for
    Phthorimaea operculella 3370
    Spodoptera littoralis 3370
  in apple, residues of 3982
  in pear, residues of 3982
  in *Tetranychus urticae,* effects of 2985
aphylinidae, in USSR 2964
aphylococcus, *Abies balsamea* foliar constituents in, effects of 4873
arch
  in *Phoracantha semipunctata,* yeasts aiding utilisation of 3277
  in Psyllid faeces 353
  in soil, effects on insecticide persistence of 4027
arling (see *Sturnus vulgaris*)
athmopoda guerini
  in Turkey 4480
  on *Pistacia vera,* in Turkey 4480
atistical methods, mark-release-recapture modified for no recaptures 4648
atutus, Trichomalus
earic acid (*see* Octadecanoic acid)
eatite, in insecticidal dusts 2935
egasta basqueella
  in Brazil 1123
  on groundnut, in Brazil 1123
egobium paniceum, in dried forage, damage caused by 3864
einhausia, gen. n., erected for parasites of molluscs, formerly placed in *Chytridiopsis* 4875
einwedeni, Acaphylla (see *A. theae*)
ellariae, Macrosiphum
ellata, Acantholyda (see *A. pinivora*)
ellenboschensis, Nythobia, (*Diadegma*)
teneotarsonemus laticeps
  biology of 1533
  control of 1148, 1533
  in UK 1148, 1533
  on *Hippeastrum,* damage caused by 1148
  on *Narcissus,* damage caused by 1148
eniella, Bissetia
tenodiplosis bromicola
  biology of 3171
  in USA 3171
  on *Bromus inermis,* in Nebraska 3171
tenohippus, in Sudan 981
tenoma decora
  in Brazil 2843
  on cacao, in Brazil 2843
tenopogon sabaudus
  in France 1162
  preying on
    Villa brunnea, in France 1162

Stenopogon sabaudus *contd.*
  preying on *contd.*
    Villa contd.
    V. velutina, in France 1162
Stenotaphrum secundatum
  Blissus insularis on
    in Florida 2304, 3128
    resistance to 4759
stephensiana, Cnephasia
stercorea, Typhaea
Stereum purpureum, on cherry, after damage by *Enarmonia formosana* 1459
Sterile-insect release 2466, 4114
  against
    Acanthoscelides obtectus 1118
    Adoxophyes orana 1464
    Anthonomus grandis 3910, 4926
    aphids 2137, 3914
    Ceratitis capitata 3911, 3917, 4926
    Cydia pomonella 2777, 3916, 4926
    Dacus oleae 4926
    Diparopsis castanea 3913
    Drosophila melanogaster 2138
    Ephestia cautella 3911
    Hylemya antiqua 3912
    H. brassicae 603, 1196
    Pectinophora gossypiella 3910
    Rhyacionia buoliana 5193
  models of 3379, 3905–3909
  requirements for large-scale field use of 3915
Sterile-male technique
  against
    Tetranychus neocaledonicus 4116
    T. urticae 3491, 4112
Sterna hirundo, DDE in, effects of 3411
sternale, Trogoderma
Sternochetus mangiferae
  biology of 2588
  control of 2588
  distribution of 2588
Steroids
  hydroxy
    in mango, not related to susceptibility to *Mycetaspis personata* 2790
    in *Xyleborus ferrugineus* and its fungal ectosymbionts 4598
Sterols (*see* Steroids, hydroxy)
Steropleurus ortegai
  in Spain 669
  preying on, *Thaumetopoea pityocampa,* in Spain 669
Steropleurus perezi
  in Spain 669
  preying on, *Thaumetopoea pityocampa,* in Spain 669
Steropleurus zapateri (see *Ephippigerida*)
Stethorus gilvifrons, in India 1012
Stethorus madecassus
  biology of 2159
  in Malagasy Republic 2159

Stethorus madecassus *contd.*
  preying on, *Tetranychus neocaledonicus,* in Malagasy Republic 2159
Stethorus nigripes
  in Australia 4532
  pesticides in, toxicity of 4532
Stethorus pauperculus, in India 1012
Stethorus picipes
  oviposition in 4709
  preying on, *Tetranychus pacificus* 4709
Stethorus punctillum
  in USA 1390
  preying on, *Oligonychus ununguis,* in Pennsylvania 1390
Stethorus punctum
  acaricides in, toxicity of 2932
  in Egypt 3018
  in USA 1899, 2932
  pesticides in, toxicity of 1899
  preying on
    Oligonychus mangiferus, in Egypt 3018
    Panonychus ulmi, in Pennsylvania 2932
Sticholotis punctata
  in USA (Hawaii) 3503
  preying on, *Brevipalpus phoenicis,* in Hawaii 3503
stickneyi, Oligonychus
stictigrapta, Characoma
Stictospora kurdistiana, in, *Oryctes* spp., in Malagasy Republic 240
Stigmast-7-en-26-oic acid, 2,3,14,20,22,28-hexahydroxy-6-oxo-, (2*β*,3*β*,5*β*,22*R*,24*S*,25*S*,28*R*)-, in *Galleria mellonella,* stimulating shortening of interganglionic connectives 3002
Stigmast-5-en-3-ol
  (3*β*)- (*β*-sitosterol)
    diet component for, *Hylobius pales* 1348
    in *Diatraea grandiosella* diet, 20,25-diazacholesterol inhibiting metabolism of 4515
Stigmatopelia senegalensis, dieldrin in, toxicity of 765
Stigmella basalella
  biology of 2387
  in Netherlands 2387
  on *Fagus,* in Netherlands 2387
Stigmella malella
  control of
    crop management for 4768
    insecticides for 1895, 4768
  fungi in, in Georgia (USSR) 4768
  in Bulgaria 1895
  in Netherlands 456
  in USSR 4768
  on apple
    in Georgia (USSR) 4768
    in Netherlands 456
Stigmella malella *contd.*
  parasitised by
    Achrysocharella chlorogaster, in Netherlands 456
    Braconidae, in Georgia (USSR) 4768
    Chalcidoidea, in Georgia (USSR) 47
    Cirrospilus vittatus, in Netherlands 456
Stigmella plagicolella
  biology of 2331
  in Netherlands 2331
  on plum, in Netherlands 2331
  on *Prunus spinosa,* in Netherlands 233
Stigmella pyri
  biology of 2330
  in Netherlands 2330
  on pear, in Netherlands 2330
  parasitised by
    Achrysocharella formosa, in Netherlands 2330
    Cirrospilus pictus, in Netherlands 2330
Stigmella tityrella (see *S. basalella*)
Stilpnotia salicis
  biology of 1152
  Borrelinavirus stilpnotia in, in USSR 1183
  control of
    Bacillus thuringiensis for 3270, 4847
    insecticides for 3270
    viruses for 3270
  in Austria 4847
  in USSR 1183
  in Yugoslavia 1152
  on *Populus*
    in Austria 4847
    in Yugoslavia 1152
  parasites of, effects of insecticides on 3270
Stipa tenacissima, *Aelia germari* on, in Spain 1406
stipae, Exaeretopus
stipae, Scythia
stipitis, Chrysocharis
Stirofos (*see* Tetrachlorvinphos)
stombleri, Heliothis
Stomopteryx nerteria (see *Biloba subsecivella*)
Stomopteryx simplexella
  in Australia 4337
  on soy bean, in New South Wales 4337
Stomopteryx subsecivella (see also *Biloba subsecivella*)
  control of, insecticides for 2813
  in India 2813
  on *Phaseolus aureus*
    damage caused by 2813
    in India 2813
Stomphastis conflua
  in Mozambique 2826
  on *Ricinus communis,* in Mozambique 2826

ored products
  insect damage to 3293
    in Nigeria 3848
  insects in, assessing infestations of 2410
  pest control in 3845, 3849–3851
    physical methods of 2419
    ULV sprays for 1780
reyi, Cicadulina
achani, Pinnaspis
rangalia melanura
  flight activity in 2857
  in Belgium 2857
rategus aloeus
  in Surinam 542
  Metarhizium anisopliae in, infectivity of 2430
  on coconut
    damage caused by 542
    in Surinam 542
ratiomyidae
  in Americas south of USA 935
  on *Panicum maximum,* in Queensland 5082
  on sugar-cane, in Queensland 5082
rawberry
  Acleris comariana on, in British Columbia 2766
  Acyrthosiphon pelargonii on, in Spain 1075
  Amphorophora spp. on, in Spain 1075
  Ancylis comptana on, in Italy 1074
  Aphis fabae on, in Spain 1075
  Argyroploce lacunana on, in France 4286
  Chaetosiphon fragaefolii on, in Spain 1075
  Cladius pectinicornis on, in USSR 548
  Dolycoris baccarum on, in Norway 3504
  Emphytus calceatus on, in USSR 548
  E. cinctus on, in USSR 548
  Galecron in, residues of 2947–2948
  Hepialus spp. on, in UK 3093
  Nemocestes incomptus on, in British Columbia 3182
  Otiorhynchus spp. on, in UK 4195
  Sciaphilus asperatus on, in UK 4195
  spiders on, in Norway 5114
  Tarsonemus pallidus on, in Romania 1073
  Tetranychus urticae on
    in New Zealand 274
    in UK 1076
rawberry fields, *Geocoris* spp. in, in California 4053
treblote acaciae, enzymes in 1135
trelitzia, *Opogona sacchari* on, in Netherlands 2378
trepsicrates rhothia
  in Pakistan 5136
  on guava, in Pakistan 5136
  parasitised by, *Goniozus* sp., in Pakistan 5136
Strepsiptera, parasitising, bees, in Finland 4032
Streptococcus faecalis, in, *Lymantria dispar,* in Connecticut 4878
Streptomycin
  diet component for
    Hypera postica 4661
    Zeiraphera diniana 1159
  in *Dacus oleae,* effects of 4314
  in *Sitophilus oryzae,* effects of 3394
  sulfate, in *Xyleborus ferrugineus,* effects on oviposition of 1358
striata, Anastrepha
striata, Odontria
striata, Platyscelis
striatella, Laodelphax
striatula, Crematogaster
striatum, Asemum
striatus, Graphognathus leucoloma
strichito, Calamotropha
Striga asiatica, natural enemies of, in East Africa 5076
Striga forbesii, natural enemies of, in East Africa 5076
Striga gesnerioides, natural enemies of, in East Africa 5076
Striga hermontheca, natural enemies of, in East Africa 5076
strigalis, Ophiomyia
strigatus, Eumerus
striolata, Phyllotreta
strobi, Camptomyia
strobi, Kaltenbachiola
strobi, Pineus
strobi, Pissodes
strobilobii, Adelgimyza
strobilorum, Scambus
Strobion (*see* 1,3,4-Metheno-1*H*-cyclobuta[*cd*]pentalene-2-pentanoic acid, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-2-hydroxy-γ-oxo-, ethyl ester)
Strobliomyia aegyptia (see *S. orbata*)
Strobliomyia orbata
  in India 2662
  parasitising
    Spodoptera exigua, in Gujarat 2662
    S. litura, in Gujarat 2662
  taxonomy of, transferred to *Peribaea* 2501
Strumeta cucurbitae (see *Dacus*)
Strumeta tryoni (see *Dacus*)
stultana, Platynota
Sturnella magna, food of, in Florida 4707
sturnus, Larinus
Sturnus vulgaris
  preying on
    Costelytra zealandica, in New Zealand 4281
    Hyperodes bonariensis, in New Zealand 4281
    insects, in New Zealand 4698

stygicus, Peristenus
Styrene acrylonitrile (*see* Benzene, ethenyl-, polymer with 2-propenenitrile)
styx, Acherontia
Suaeda, *Aelia germari* on, in Spain 1406
suavis, Rhagoletis
subcervinella, Opogona (see *O. sacchari*)
subcircularis, Chrysocharis
subclavata, Allotropa
subclavatus, Endasys
Subcoccinella vigintiquattuorpunctata
  biology of 5037
  distribution of 5037
  feeding behaviour in 3174
  in USA 5037–5038
  in pasture, in New Jersey 5037
  on *Coronilla varia,* in Pennsylvania 5038
subcoleoptrata, Phasia, (*Alophora*)
subcostata, Adelocera, (*Lacon*)
subcruciatus, Sparganobasis
subdepressus, Palorus
subfuscus, Athous
subglobosa, Pimelia
subhastata, Rheumaptera
subhyalinus, Macrotermes
subklapaleki, Psylla
sublucida, Formica
subnuda, Formica sanguinea
subpilosa, Formica (see *F. rufibarbis*)
subplicata, Altica
subsecivella, Biloba, (*Stomopteryx*)
subsignarius, Ennomos
subterranea, Feltia
subterranea, Monobremia
Subtilin, in *Bacillus subtilis* 2891
subtropica, Typhlodromus, (*Typhlodromina*)

Succinic acid (*see* Butanedioic acid)
Sucrase (*see* Fructofuranosidase, β-)
Sucrose (*see* α-D-Glucopyranoside, β-D-fructofuranosyl)
Sudan
  Acrididae in 981
  Bemisia tabaci in 939
  Ceratitis capitata in 4671
  Dacus ciliatus in 4671
  D. vertebratus in 4671
  Earias insulana in, on cotton 2365, 2830
  Epicauta aethiops in 369
  Hemiptera in 2082–2083
  insect pests in, natural enemies of 992
  Locusta migratoria in 4681
  Pardalaspis quinaria in 4671
  Pectinophora gossypiella in, on cotton 2365, 2830, 3247
  Podagrica puncticollis in, on cotton 1136
  Xanthodes graellsii in, on cotton 2832
  Zonocerus variegatus in, on *Eichhornia crassipes* 4243
Sudanese broad bean mosaic virus
  in
    Acyrthosiphon sesbaniae, transmission of 2811
    Aphis craccivora, transmission of 281
    Vicia faba, in Sudan 2811
Sugar-beet (*Beta vulgaris* var. *saccharifera*)
  Aphis fabae on
    in UK 1115–1116
    in USSR 623
  arthropods associated with, in Japan 4139
  beet yellows virus in, resistance to 4796
  Bothynoderes foveicollis on, in Siberia 4342
  Cassida nebulosa on, in Siberia 4342
  Chaetocnema breviuscula on, in Siberia 4342
  C. heikertingeri on, in Siberia 4342
  Chromoderus fasciatus on, in Siberia 4342
  Circulifer opacipennis on, in Punjab 4343
  cycloate in, effects of 4012
  Discestra trifolii on, in Bulgaria 3094
  disulfoton in, effects of 4012
  Lygus rugulipennis on, in Finland 624, 5251
  Mamestra brassicae on, in USSR 4930
  Myzus persicae on
    effects of soil on 1317
    probing by 4796
  Nysius spp. on, in Texas 508
  Pegomya betae on
    in Egypt 3929
    in France 3116
    in Siberia 4342
    in USSR 623
  P. mixta on, in Egypt 1491–1493
  pests of
    in Belgium 4344
    in Rajasthan 2816
  Polyphylla irrorata on, in Kazakhstan 1023
  Psylliodes cupreatus on, in Siberia 4342
  Scrobipalpa ocellatella on, in USSR 62
  Tenebrionidae on, in USSR 622
  Tetranychus urticae on, effects of soil on 1317
  Xestia c-nigrum on, in Ukraine 4188
Sugar-beet (stored roots), aldicarb in, residues of 1639
Sugar-cane (*Saccharum officinarum*)
  Aclerda campinensis on, in Brazil 1032
  Aeneolamia postica on
    in Belize 1030
    in Mexico 497
    in Trinidad and Tobago 1030
  A. selecta on, in Brazil 496, 1029
  A. varia on
    in Belize 1030
    in Trinidad and Tobago 1030

gar-cane *contd.*
  Aleurolobus barodensis on, in Pakistan 1034
  Altermetoponia spp. on, in Queensland 5081
  A. rubriceps on, in New South Wales 3665, 4734
  Amblyseius finlandicus on, in Orissa 2709
  Argyroploce schistaceana on, in Taiwan 495
  Aulacaspis tegalensis on
    in Mauritius 1402
    in Tanzania 320
  Bagrada hilaris on, in India 5050
  Bissetia steniella on, in Himachal Pradesh 493
  Chilo agamemnon on, in Egypt 3151, 3675
  C. auricilius on, in Uttar Pradesh 4086
  C. infuscatellus on, in Taiwan 495, 2025
  C. sacchariphagus on
    in Indonesia 494
    in Réunion 5231
    in Taiwan 495, 2025
  Diatraea grandiosella on, in USA 2724
  D. impersonatella on, in Guadeloupe 2284, 3064
  D. saccharalis on
    in Cuba 2260
    in Guadeloupe 2284, 3064
    in Louisiana 3381
  Dicranoctetes saccharella on, in Cuba 5078
  Eoeurysa flavocapitata on, in North Bengal 4246
  Eupneusta solena on, in Papua New Guinea 5078
  insects associated with, in Brazil 1033
  Lepidopterous stem-borers on, in West Africa 2703
  Mahanarva posticata on, in Brazil 1029, 2286
  Migdolus fonsecai on, in Brazil 308
  Mythimna loreyi on, in Egypt 2705
  Oligonychus indicus on
    in Orissa 2709
    in Pakistan 1034
  Perkinsiella saccharicida on, in Queensland 5080
  pests of, in Brazil 2285
  Pyrilla perpusilla on, in Pakistan 1034
  Rhabdoscelus obscurus on, resistance to 4736
  Saccharicoccus sacchari on
    in Barbados 4247
    in Egypt 2706
  Scirpophaga nivella on
    in Indonesia 494
    in Taiwan 495
  Sesamia calamistis on, in Mozambique 491

Sugar-cane *contd.*
  Sesamia contd.
  S. cretica on, in Egypt 1864, 3151, 3675
  S. inferens on, in Taiwan 495, 2025
  Stratiomyidae on, in Queensland 5082
  sugar-cane mosaic virus in, in Australia 2283
  Yanga guttulata on, in Malagasy Republic 1401
Sugar-cane mosaic virus
  in
    Aphis craccivora, transmission of 2283
    A. gossypii, transmission of 2283
    Digitaria didactyla, in Australia 2283
    Macrosiphum euphorbiae, transmission of 2283
    Phaseolus vulgaris 2283
    Rhopalosiphum maidis, transmission of 2283
    Sorghum halepense, in Australia 2283
    sugar-cane, in Australia 2283
    Urochloa mosambicensis, in Australia 2283
Sugar-cane pineapple disease (see also *Ceratocystis paradoxa*)
Sugar-cane rind disease (see also *Pleocyta sacchari*)
Sugars
  bait component for
    Cydia molesta 4158
    Drosophilidae 4176
    Lasius brunneus 3110
  bait-spray component for, Chrysopidae 348
  diet component for
    Agrotis ipsilon 4121
    Chrysopa carnea 348
    Dacus oleae 2337, 4614
    Diatraea saccharalis 3064
    Heliothis armigera 4925
    Liriomyza congesta 3228
    Pardalaspis cyanescens 4664
    Pegomya mixta 1491
    Pieris brassicae, effects on granulosis infection of 3894
    Sesamia nonagrioides 3556
    Zeiraphera diniana 1159
  in attractant sprays for predatory insects 5072
  in *Cornus florida* leaves, effects of *Aegeria scitula* infestation on 3834
  in Psyllid faeces 353
  in tobacco, effects of insecticides on 4920
  mites in, in Taiwan 1180
  pest control in, bromomethane for 2476
  with insecticides, against, aphids 612
sugonjaevi, Aphytis
Suidasia medanensis
  in Taiwan 1180
  in sugar, in Taiwan 1180
suji, *Tribolium castaneum* in, development of 1552

sulcaticeps, Pheidole
sulcatus, Gnathotrichus
sulcatus, Otiorhynchus
sulcifrons, Sitona
Sulfotep (thiodiphosphoric acid $([(HO)_2P(S)]_2O)$ tetraethyl ester)
  against
    Aphis fabae 2377
    mushroom flies 118
    Myzus persicae 2377
Sulfoxide (5-[2-(octylsulfinyl)propyl]-1,3-benzodioxole)
  in rats
    increasing toxicity of pyrethrins 2489
    toxicity of 2489
Sulfoxide, dimethyl (*see* Methane, sulfinylbis-)
Sulfur
  against
    Aceria essigi 3183
    Brevipalpus phoenicis 2781
    Lorryia turrialbensis 2781
  in *Acyrthosiphon pisum,* dietary requirement for 1298
  in *Galleria mellonella,* effects of viruses on 244
  in grape vine, effects of 4472
  with γ-BHC, and DDT, against, *Spodoptera littoralis* 3777
Sulfur dioxide, against, *Achroia grisella* 5249
sulfureana, Sparganothis
Sulfuric acid
  aluminum salt (3:2)
    antifeedant for
      Agrotis ipsilon 2829
      Earias insulana 2829
  copper(2+) salt (1:1)
    against, *Thymelicus lineola* 1430
    antifeedant for, *Spodoptera frugiperda* 3674
    in termites, effects on gut symbionts of 2272
    with silica, against, *Thymelicus lineola* 1430
    with sodium arsenate, and sodium chromate, against, fungi and termites 2423
  diammonium salt
    antifeedant for
      Agrotis ipsilon 2829
      Earias insulana 2829
  magnesium(2+) salt (1:1), diet component for, *Myzus persicae* 349
  zinc salt (1:1), antifeedant for, *Spodoptera frugiperda* 3674
Sulfurous acid
  2-[4-(1,1-dimethylethyl)phenoxy]cyclohexyl 2-propynyl ester (propargite)
    against
      Panonychus ulmi 1093
      Tetranychus viennensis 4464
Sulphuretylenchus elongatus
  in
    Scolytus ventralis
      effects of 745
      in Idaho 4382
Sumithion (*see* Fenitrothion)
Sunflower (*Helianthus annuus*)
  Astylus atromaculatus pollinating, in Argentina 2741
  Lethrus brachiicollis on, in Turkey 236
  Lygaeus equestris on 5025
  Xestia c-nigrum on, in Ukraine 4188
Sunflower (stored seeds)
  Nysius vinitor in, development of 4159
  Tribolium castaneum in, in Bulgaria 1988, 3302
Sunnhemp (see *Crotalaria juncea*)
Sunt (see *Acacia arabica*)
superans, Dendrolimus
superba, Megarhyssa
suppressalis, Chilo
suppressaria, Buzura, (*Biston*)
Supracid (*see* Methidathion)
Supracide (*see* Methidathion)
suprafolia, Enaysma
Surinam
  Aspidiotus destructor in, on coconut 54
  Brassolis sophorae in, on coconut 542
  Chrysomphalus aonidum in, on *Citrus* 578
  Lapaeumides dedalus in, on coconut 54
  Strategus aloeus in, on coconut 542
surinamensis, Oryzaephilus, (*Silvanus*)
suspensa, Anastrepha
suspensus, Asaphes
sutor, Monochamus
suturalis, Brumoides
suturalis, Brumus
suturalis, Chlorochiton, (*Costelya*)
suturalis, Eleodes
suvorovi, Agrilus
svanetica, Homaloplia
swainei, Neodiprion
Swaziland, *Oryzaephilus mercator* in 3391
Swede (*Brassica napus* var. *napobrassica*)
  Hylemya brassicae on, in Wisconsin 1498, 4804
  H. floralis on, in Norway 2573
  insecticides in, toxicity of 4804
  Murgantia histrionica on, in North Carolina 4785
Sweden
  Agriotes lineatus in 3964
  Epirrita autumnata in, on *Betula* 2385
  Gilpinia verticalis in, on *Pinus* 3815
  Lygaeus equestris in 4033
  Meligethes aeneus in, on rape 4321
  Operophtera brumata in, on *Betula* 2385
  O. fagata in, on *Betula* 2385
  Phyllobius pyri in 3539
  P. viridicollis in 3539
  Phytodecta pallida in, on hazel 4096

- **veden** *contd.*
  - *Schizaphis* spp. in, on grasses 1432–1433
- **veet clover** (see *Melilotus*)
- **veet potato** (*Ipomoea batatas*)
  - *Agrotis ipsilon* on, development of 4095
  - *Aspidomorpha miliaris* on, in Philippines 2360
  - *Bemisia tabaci* on, in Egypt 1003
  - *Brevipalpus phoenicis* on, in Egypt 906
  - *Cylas formicarius* on, in Malaysia 4802
  - *Empoasca clodia* on, in Niue Island 4552
  - *E. niuensis* on, in Niue Island 4552
  - *Euscepes postfasciatus* on, in Brazil 1497
  - *Omphisa anastomosalis* on, in Malaysia 4802
  - *Spodoptera exigua* on, development of 3469
  - *S. littoralis* on 646
    - in Egypt 1372, 3777
    - insecticide susceptibility of 3395
  - *Tetranychus cucurbitacearum* on, feeding preferences of 2343
- ***vietenia macrophylla***
  - *Hypsipyla grandella* on, in Costa Rica 3269
  - Pyralidae on, control of 4842
- **vietenoideae,** Pyralidae on, in Nigeria 4842
- ***virskii, Amblyseius***
- **vitzerland**
  - *Agriotes obscurus* in, natural enemies of 3662
  - *Brachycaudus persicae* in, on peach 3190
  - *Lobesia botrana* in, on grape vine 5014
  - *Myzus humuli* in, on plum 3190
  - *M. varians* in, on peach 3190
  - *Panonychus ulmi* in, on apple 2325
  - pest control in 556
  - *Rhagoletis cerasi* in, on cherry 4303
  - *Rhopalosiphum padi* in
    - on apricot 3190
    - on peach 3190
    - on plum 3190
  - *Zeiraphera diniana* in, on *Larix* 337
- **camore, American** (see *Platanus occidentalis*)
- ***cophanta, Calosoma***
- ***lepta lunalis***
  - in India 2316
  - on grape vine
    - damage caused by 2316
    - in Madhya Pradesh 2316
  - parasitised by
    - *Apanteles clita,* in Madhya Pradesh 2316
    - *Cardiochiles fulvus,* in Madhya Pradesh 2316
- ***lvilagus aquaticus,*** insecticides in, residues of 4966
- ***lvilagus floridanus,*** insecticides in, residues of 4966
- ***sylvius, Microterys***
- ***Symmetrischema capsicivorum***
  - sp. n., description of 4805
  - in Peru 4805
  - on *Capsicum annuum,* in Peru 4805
- ***Symmetrischema capsicum,*** taxonomy of, characters distinguishing *S. capsicivorum* and 4805
- **Symphyta**
  - in Tanzania 73
  - in Yugoslavia 4040
  - on *Picea,* in Belgium 222
- ***Sympiesis sandanis***
  - in Italy 1074
  - parasitising, *Ancylis comptana,* in Italy 1074
- ***Sympiesis sericeicornis***
  - in Italy 1074
  - in UK 3280
  - parasitising
    - *Ancylis comptana,* in Italy 1074
    - *Phyllonorycter* spp., in UK 3280
- ***Sympiesis viridula***
  - in Canada 1835
  - parasitising, *Ostrinia nubilalis,* in Ontario 1835
- ***Synanthedon myopaeformis***
  - biology of 1090
  - control of, insecticides for 1083, 1090
  - in France 2324
  - in Spain 1083, 1090
  - on apple
    - in France 2324
    - in Spain 1083, 1090
- ***Synanthedon pictipes*** (see *Aegeria*)
- ***Syndesmogenus effilis***
  - in Chad 3784
  - on cotton, in Chad 3784
- **Synergists,** substances tested as:, pongapin 2066
- ***Synergus clandestinus***
  - in West Germany 2867
  - on *Quercus,* in West Germany 2867
- ***Syngonium,*** dimethoate in, toxicity of 3812
- ***Syngrapha circumflexa*** (see *Autographa*)
- ***Synharmonia***
  - insecticides in, toxicity of 5254
  - preying on
    - aphids, in Uzbekistan 5254
    - Geometridae, in Uzbekistan 5254
- ***Synharmonia conglobata,*** in Turkey 4459
- **Synthetase, fatty acid,** in *Ceratitis capitata,* adaptability of 2536
- ***Syntomosphyrum indicum***
  - parasitising
    - *Ceratitis capitata* 5231
    - *Pardalaspis cyanescens* 5231
    - Tephritidae, and biological control using, in Réunion 5231
- Syria, *Parlatoria blanchardii* in, on date palm 5113
- ***syriacus, Arhopalus,*** (*Criocephalus*)

- ***syringella, Caloptilia,*** (*Xanthospilapteryx*)
- ***Syringopais temperatella***
  - biology of 505
  - control of, insecticides for 506
  - in Iraq 505–506
  - on barley, in Iraq 505
  - on wheat, in Iraq 505–506
- **Syrphidae**
  - preying on, cotton pests, in Ivory Coast 2373
  - taxonomy of, described by S. Matsumura 2516
  - traps for 4178
- ***Syrphophagus aeruginosus***
  - in Bulgaria 3765
  - parasitising, *Brevicoryne brassicae,* in Bulgaria 3765
- ***Syrphus adligatus*** (see also *Betasyrphus adligatus*)
  - in South Africa 601
  - preying on, aphids, in South Africa 601
- ***Syrphus balteatus***
  - biology of 4703
  - energy transformation in 2125
  - in Bulgaria 3765
  - in Poland 462
  - in UK 3133
  - preying on
    - aphids, in UK 3133
    - *Brevicoryne brassicae,* in Bulgaria 3765
    - *Lipaphis erysimi* 4703
- ***Syrphus bifasciatus,*** in Poland 462
- ***Syrphus calopus*** (see *Allograpta*)
- ***Syrphus corollae***
  - competing with, *Syrphus ribesii* 2179, 4219
  - in Bulgaria 3765
  - in Poland 462
  - larval competition in 2179
  - preying on
    - *Acyrthosiphon pisum* 2583
    - *Brevicoryne brassicae,* in Bulgaria 3765
    - *Myzus persicae* 2179, 4219
- ***Syrphus luniger,*** in Poland 462
- ***Syrphus opinator***
  - preying on, *Acyrthosiphon pisum* 2606
  - rearing of, techniques for 2606
- ***Syrphus ribesii***
  - competing with, *Syrphus corollae* 2179, 4219
  - larval competition in 2179
  - preying on
    - *Acyrthosiphon pisum* 2606
    - *Myzus persicae* 2179, 4219
  - rearing of, techniques for 2606
- ***Syrphus torvus***
  - preying on, *Acyrthosiphon pisum* 2606
  - rearing of, techniques for 2606
- ***Syrphus vitripennis,*** in Poland 462
- ***Syrrhizus agilis***
  - in Canada 4702
  - parasitising, *Notoxus anchora,* in Ontari 4702
- **Syrup,** diet component for, *Popillia japonic* 4660
- ***Systasis encyrtoides***
  - in Greece 2308
  - parasitising, *Contarinia medicaginis,* in Greece 2308
- ***Systena,*** cowpea mosaic virus in, transmission of 1565
- **Systox** (*see* Demeton)
- ***Syzygium jambas***
  - *Anastrepha mombinpraeoptans* on, in Jamaica 3758
  - *A. suspensa* on, in Jamaica 3758
  - *Pseudococcus comstocki* on, in Taiwan 323
- ***Syzygium malaccense,*** *Anastrepha suspens* on, in Jamaica 3758
- ***szekessyi, Xylotrupes gideon***
- ***szentivanyi, Pantorhytes***
- **Szklarniak** (*see* Dichlorvos)
- ***t-insignita, Lycosa***
- ***tabaci, Bemisia***
- ***tabaci, Thrips***
- ***tabacum Hypopteromalus***
- ***tabaniformis, Paranthrene,*** (*Sciapteron*)
- ***tachardiae, Eupelmus***
- ***tachardiae, Tachardiaephagus***
- ***Tachardiaephagus tachardiae***
  - in India 4217
  - parasitising, *Kerria lacca,* in Bihar 4217
- ***Tachina magnicornis***
  - in USSR 5085
  - parasitising, *Hadena sordida,* in Kazakhstan 5085
- **Tachinidae**
  - in Australia 2501
  - in UK 4995
  - in USSR 3134
  - parasitising, Tortricidae, in Poland 1079
  - rearing of, techniques for 4180
  - taxonomy of 4549, 4995
- ***Tachyporus hypnorum***
  - in Netherlands 3615
  - in West Germany 1502
  - insecticides in, toxicity of 1502
- ***taedae, Dioryctria***
- ***taedae, Neodiprion***
- ***Taeniothrips orionis***
  - control of, insecticides for 1902
  - in Canada 1902
  - on cherry
    - damage caused by 1902
    - in British Columbia 1902
- ***Taeniothrips simplex***
  - control of, insecticides for 660
  - in Bulgaria 660
  - on freesias, in Bulgaria 660

eniothrips sjostedti
  control of, insecticides for 5151
  in Cameroon 5151
  on groundnut
    damage caused by 5151
    in Cameroon 5151
getes erecta, Heliothis armigera on, in
  Mysore 3125
iwan
  Acaphylla theae in, on tea 1143
  Aphis craccivora in, on *Dolichos*
    sesquipedalis 2812
  Argyroploce schistaceana in, on sugar-cane 495
  Carpoglyphus lactis in, in sugar 1180
  Cecidomyiidae in, on mushrooms 2275
  Chilo infuscatellus in, on sugar-cane 495,
    2025
  C. sacchariphagus in, on sugar-cane 495,
    2025
  C. suppressalis in, on rice 525
  Dendrolimus punctatus in, on *Pinus* 696
  Diaspididae in 1264
  Eriophyes tjyingi in, on *Lycium chinense*
    1665
  Hedylepta indicata in, on *Dolichos*
    sesquipedalis 2812
  Melanagromyza spp. in, on *Dolichos*
    sesquipedalis 2812
  Ophiomyia phaseoli in, on *Dolichos*
    sesquipedalis 2812
  Plutella xylostella in, natural enemies of
    1011
  Pseudococcus comstocki in, on *Syzygium*
    jambas 323
  Rhizoglyphus callae in, in shallots 207
  R. echinopus in, in shallots 207
  Scirpophaga nivella in, on sugar-cane
    495
  Sesamia inferens in, on sugar-cane 495,
    2025
  spiders in, in rice-fields 4722
  Suidasia medanensis in, in sugar 1180
  Tetranychus urticae in, on *Dolichos*
    sesquipedalis 2812
  Trogoderma granarium in 229
  Tyrophagus longior in, in sugar 1180
  T. putrescentiae in, in sugar 1180
alcord (*see* Ethanimidothioic acid, *N*-
  [[(methylamino)carbonyl]oxy]-, 2-
  cyanoethyl ester, (*Z*)-)
    5239
amarack (see *Larix laricina*)
amarind (see *Tamarindus indica*)
***amarindus indica* (stored seeds),** *Caryedon*
  serratus in, in India 724
amaron (*see* Phosphoramidothioic acid,
  O,S-dimethyl ester)
    3208
    3253
    4450
    4451
Tamaron *contd.*
    4454
    5089
Tana paulseni, in Chile 2800
tanaceticola, Trioxys
tanajoa, Mononychellus
Tangerine (*see* Mandarin and tangerine)
Taniva albolineana
  biology of 3841
  control of, insecticides for 3841
  in Canada 3841
  in USA 3841
  on *Picea glauca,* in New York 3841
Tannins
  effects of, on, *Ceratomegilla maculata*
    914
  in mango, not related to susceptibility to
    Mycetaspis personata 2790
Tansy ragwort (see *Senecio jacobaea*)
Tanymecus dilaticollis
  BHC resistance in, in Romania 3931
  biology of 417
  control of, insecticides for 130, 1410,
    2293, 3931
  diapause in, artificial reduction of 907
  in Romania 130, 2293, 3931
  in USSR 1410
  in Yugoslavia 417
  on maize
    damage caused by 4747
    in Romania 130, 2293, 3931
    in Ukraine 1410
Tanzania
  Aculeata in 73
  Aulacaspis tegalensis in
    natural enemies of 1402
    on sugar-cane 320
  crop pests in 1770
  Dysdercus spp. in, on cotton 1940
  Earias spp. in 4812
  E. biplaga in, on cotton 1940
  Entypotrachelus meyeri in, on tea 2375
  Heliothis armigera in, on cotton 1940
  Leucoptera caffeina in, on coffee 655
  L. meyricki in, on coffee 655
  Macrotermes subhyalinus in 3141
  Mussidia nigrivenella in, on cacao 2228
  Nomadacris septemfasciata in 432
  sugar-cane in, pests of 1403
  Symphyta in 73
  Tetranychus urticae in, on cotton 1940
Taphrina deformans, control of, fungicides
  for 5232
Tapinoma
  control of 4693
  in New South Wales 4693
Tapinoma erratica
  in Cyprus 3832
  preying on, *Thaumetopoea wilkinsoni,* in
    Cyprus 3832
Tapinoma indicum
  in India 4274

Tapinoma indicum *contd.*
  preying on, *Contarinia sorghicola,* in Madhya Pradesh 4274
tapleyi, Insulaspis, (*Lepidosaphes*)
taprobanae, Apanteles
Tarache notabilis (see *Acontia*)
Tarachidia candefacta
  acclimation of, in USSR 4240
  biology of 1026
  in Canada 4240
  on *Ambrosia artemisiifolia,* and biological control using, in USSR 1026
tardus, Adelges, (*Chermes*)
tarsalis, Melichares, (*Blattisocius*)
Tarsonemidae, taxonomy of 962
Tarsonemus, in Egypt 2789
Tarsonemus aculeus
  sp. n., description of 4855
  in UK 4855
  on *Tilia europaea,* in UK 4855
Tarsonemus fragariae (see *T. pallidus*)
Tarsonemus pallidus
  biology of 1533
  control of 1533
    acaricides for 1073
  in Romania 1073
  in UK 1533
  on strawberry
    damage caused by 1073
    in Romania 1073
Tarsonemus pallidus asteris
  on *Aster dumosus* 842
  taxonomy of 842
Tarsonemus pallidus fragariae
  on strawberry 842
  taxonomy of 842
Tarsonemus pallidus pallidus, taxonomy of 842
Tarsonemus pomi, in East Germany 1087
Tasmania
  Aculops lycopersici in, on tomato 1925
  Blaniulus guttulatus in 2637
  Coleophora frischella in, on *Trifolium* 2307
  Fraus simulans in 4282
  Halotydeus destructor in 1805
  Heliothis punctigera in, on *Trifolium* 2307
  insect pests in, 1971/72 415
  Penthaleus major in 1805
  Tasmanodesmus spp. in 2637
  turf in, pests of 1878
  Vespula germanica in 1826
Tasmanodesmus
  control of, insecticides for 2637
  in Tasmania 2637
tatarica, Cyrtacanthacris
tau, Phrydiuchus
taurica, Psylla melanoneura
taxi, Taxomyia
Taxomyia taxi
  in Czechoslovakia 5192
Taxomyia taxi *contd.*
  life-cycle of 3288
  on *Taxus baccata* 3288
    in Czechoslovakia 5192
Taxus baccata
  Taxomyia taxi on 3288
    in Czechoslovakia 5192
Taylorilygus ricini
  in Mozambique 2826
  on *Ricinus communis,* in Mozambique 2826
Taylorilygus vosseleri
  control of, trap crops for 639
  in Uganda 639
  on cotton, in Uganda 639
TCDD (*see* Dibenzo-1,4-dioxin, 2,3,7,8-tetrachloro-)
TD-5032 (*see* Distannane, hexamethyl-)
    258
    3370
TD-8550 (*see* Carbamic acid, [[(methoxymethylphosphinothioyl)thio]acetyl]methyl-, methyl ester)
    4797
TDE (*see* DDD)
Tea (*Camellia sinensis*)
  Abgrallaspis cyanophylli on, in USSR 657
  Acaphylla theae on, in Taiwan 1143
  Acheta domesticus on, in Mauritius 214
  Aspidiotus atomarius on, in Kenya 4554
  Brevipalpus californicus on
    in India 1529
    in Sri Lanka 5174
  B. phoenicis on
    in Hawaii 3503
    in Mauritius 214
  Buzura suppressaria on, in Sri Lanka 2846
  Calacarus carinatus on, in India 1529
  Chloropulvinaria floccifera on
    in Turkey 4366, 4484
    in USSR 657
  Coptotermes havilandi on, in Mauritius 214
  Cydia leucostoma on, in India 1529
  diseases of, in Mauritius 214
  Entypotrachelus meyeri on
    in Kenya 2375
    in Tanzania 2375
  Flatopsis nivea on, in Mauritius 214
  Glyptotermes dilatatus on, in Sri Lanka 4367
  Gryllotalpa africana on, in Mauritius 214
  Gryllus bimaculatus on, in Mauritius 214
  Homorocoryphus nitidulus on, in USSR 5097
  insect pests of, in USSR 1142
  insecticides in, residues of 4484
  Neotermes greeni on, in Sri Lanka 4367

contd.
Oligonychus coffeae on
  in India 1529
  in Sri Lanka 5174
Parametriotes theae on
  in Turkey 4483
  in USSR 5173
pests of
  in India 1951
  in Mauritius 214
phosmet in, residues of 2494
phosphine in, toxicity of 4367
Polyphagotarsonemus latus on, in Mauritius 214
Postelectrotermes militaris on, in Sri Lanka 4367
ea rose yellow mosaic virus in, in West Bengal 3810
Tortrix dinota on, in Mauritius 214
Toxoptera aurantii on, in Mauritius 214
Xyleborus fornicatus on
  in Sri Lanka 658, 2846
  resistance to 658
a rose yellow mosaic virus
n
  Cuscuta reflexa, transmission of 3810
  tea, in West Bengal 3810
  Toxoptera aurantii, transmission of 3810
caspis asiatica
n USSR 995, 997
parasites of, in Turkmenia 997
parasitised by, *Physcus indefinitus,* in Turkmenia 995
chniques
or determining toxicities of acaricides 4647
or feeding insecticides to bees 1788
or radiolabelling parasites 4164
or studying insect behaviour 3576
orecasting outbreaks of injurious insects 3068
hnographa, Microcolona
chnomyrmex albipes
control of 4693
n Australia 4693
leae, Ischnaspis
ctoquinone (*see* 9,10-Anthracenedione, 2-methyl-)
tus, Ptinus
lella, Epinotia, (*Epiblema*)
lellae, Apanteles
dion (*see* Tetradifon)
alensis, Aulacaspis
gonotus hassani
descriptions of 189
n Italy 189
on olive, in Italy 189
hama bonifatella, reproduction in 87
arius, Tetranychus (see *T. urticae*)
lea polyphemus, eclosion in 2534
engai, Apanteles

Telenominae, in Ukraine 4047
Telenomus
  insecticides in, effects of 1644
  parasitising
    Eurygaster spp.
      in Romania 4705
      in Turkey 4485
    E. integriceps, in USSR 1644
    Heliothis armigera, in West Bengal 3125
Telenomus alsophilae
  in USA 1839–1840, 5066
  parasitising
    Alsophila pometaria, in Virginia 5066
    Ennomos subsignarius, in Connecticut 1839–1840
Telenomus chloropus
  in Hungary 3644
  parasitising, *Eurygaster* spp., in Hungary 3644
Telenomus coelodasidis
  biology of 4216
  in USA 4216
  parasitising, *Heterocampa guttivitta,* in USA 4216
Telenomus gracilis
  in USSR 1151
  parasitising, *Dendrolimus superans,* in USSR 1151
Telenomus laeviusculus
  in USSR 3945
  parasitising, *Malacosoma neustria,* in Lithuania 3945
Telenomus mayri
  in USSR 3281
  parasitising, *Erannis jacobsoni,* in Buryatia 3281
Telenomus remus
  giant cells produced by 4716
  parasitising, *Spodoptera littoralis* 4716
Telenomus reynoldsi
  sp. n., description of 4053
  in USA 4053
  parasitising
    Geocoris pallens, in California 4053
    G. punctipes, in California 4053
Telenomus sokolowi (see *T. chloropus*)
Telenomus sphingis
  in USA 3655
  parasitising, *Manduca sexta,* in Kentucky 3655
Teleogryllus commodus
  control of
    genetic 4113
    insecticides for 2750
  cross-mating in, with, *Teleogryllus oceanicus* 4113
  diapause in 4215
  egg-shell in, permeability of 1817
  in Australia 2750, 4113
  in New Zealand 3651, 4215

Teleogryllus commodus *contd.*
  preyed on by, *Apteryx australis,* in New Zealand 3651
Teleogryllus oceanicus
  cross-mating in, with, *Teleogryllus commodus* 4113
  in Australia 4113
teleturga, Pansepta
Telodrin (*see* Isobenzan)
Telopea speciosissima
  Neodrepta luteotactella on, in Australia 4370
  Pseudaulacaspis brimblecombei on, in New South Wales 4288
Telsimia nitida
  in USA (Hawaii) 3715
  preying on, *Aspidiotus destructor,* in Hawaii 3715
Temelucha, parasitising, *Spodoptera exigua,* in Gujarat 2662
Temelucha biguttula, in Japan 4268
Temelucha interruptor
  in Denmark 1165
  parasitising, *Rhyacionia buoliana,* in Denmark 1165
Temephos (*see* Phosphorothioic acid, *O,O′*-(thiodi-4,1-phenylene) *O,O,O′,O′*-tetramethyl ester)
Temik (*see* Aldicarb)
Temnochila virescens
  flight activity in, in California 4623
  in USA 4623
temperatella, Syringopais
Temperature
  calculation of threshold 69
  effects of, on
    Acanthoscelides obtectus 379
    Acrolepia assectella 3779
    Acyrthosiphon dirhodum 2174
    A. pisum 1286, 2114
    Agrotis ipsilon 4120–4121
    A. segetum 4744, 5163
    Anastrepha suspensa 919
    Aphelinus flavipes 4503
    Aphidius matricariae 4503
    A. smithi 475–476
    Aphis fabae 841
    Callosobruchus maculatus 4123
    Cavelerius excavatus 5079
    Ceratitis capitata 3496
    Choristoneura fumiferana 4853
    Collops vittatus 2110
    Costelytra zealandica 1442
    Cydia pomonella 1750
    Dacus cucurbitae 4326
    Dermestes maculatus 5202–5203
    Diaeretiella rapae 1856
    Diatraea grandiosella 5020
    D. saccharalis 5030–5031
    Encarsia formosa 4503
    Ephestia cautella 1752
    Eurygaster integriceps 5086

Temperature *contd.*
  effects of, on *contd.*
    Eyprepocnemis alacris 4208
    Gnathocerus maxillosus 2109
    Heliothis armigera 4613, 4631, 5024
    H. virescens 2900
    Hyalophora cecropia 2581
    Hypera postica 4127
    Hyphantria cunea 219, 383
    insect pests 5241
    Jalysus spinosus 4711
    Leptinotarsa decemlineata 931, 5005
    Lygus elisus 382
    L. hesperus 382
    Lysiphlebus testaceipes 5065
    Macrosiphum avenae 2174
    Malacosoma americanum 4125
    M. disstria 1328, 3529
    Manduca sexta 2605
    Mattesia trogodermae 4890
    Melanotus communis 1760
    Myelophilus spp. 4037
    Myrmica rubra 1859
    Myzus persicae 876, 4099
    Nosema fumiferanae 3284
    Otiorhynchus sulcatus 3527
    Panonychus citri 3750
    Pectinophora gossypiella 3021, 3507
    Peristenus stygicus 3138
    pests of lucerne 3030
    Phthorimaea operculella 4345
    Pieris brassicae 874
    Platynota stultana 2633
    Psylla pyri 3457
    Rhopalosiphum padi 2174
    Schistocerca gregaria 1814–1815
    Spodoptera littoralis 2227
    Subcoccinella vigintiquattuorpunctata 3174
    Tanymecus dilaticollis 907
    Tenebrio molitor 4122
    Thaumetopoea pityocampa 3903
    Trichogramma evanescens 918
    Trichoplusia ni 2171
    Trioza erytreae 179
Tenebrio molitor
  Aspergillus flavus in, effects of 4414
  A. niger in, effects of 4414
  biology of 4122
  cecropia C_{18} hormone in, metabolism of 3473
  Cladosporium herbarum in, effects of 4414
  control of
    γ-irradiation for 1598
    JH mimics for 1720
  cuticle in 882
  cuticular amino acids in 339
  development in, effects of moisture on 1176–1177
  enzymes in 882

enebrio molitor *contd.*
  juvenile hormone analogues in
    activity of 2562, 4588
    metabolic stability of 1290
    receptor for 4590
  juvenile hormones in, effects of 4589
  learning in 3028
  light responses in, habituation of 66
  mating in 2576
  midgut in, protein crystals in nuclei of 3478
  Neurospora sitophila in, effects of 4414
  ovarian development in 2548
  Penicillium expansum in, effects of 4414
  pupae of, diet component for, *Monomorium pharaonis* 4691
  pupal development in
    effects of ecdysterone on 4101
    effects of juvenile hormone analogues on 2957, 4101
enebrio obscurus, control of, γ-irradiation for 1598
enebrionidae, defence glands in 4566
enebrionis, Capnodis
enebroides mauritanicus
  biology of 4401
  control of
    fumigants for 4592
    inert materials for 4592
    insecticides for 2481, 4592
  development in, effects of γ-irradiation on 4604
  in Egypt 4401
  in Turkey 4487
  in stored maize, in Turkey 4487
  phosphine in, effects of 781
enebrosus, Scambus
enellus, Gelis
enera, Perithemis
ennessee
  Cecidomyia spp. in, on *Liriodendron tulipifera* 1963
  Diatraea grandiosella in 2724
  Macrosiphum liriodendri in, on *Liriodendron tulipifera* 1963
  Odontopus calceatus in, on *Liriodendron tulipifera* 1963
  Periploca mimula in, on *Juniperus chinensis* 5176
  Popillia japonica in 1798
  Thecodiplosis liriodendri in, on *Liriodendron tulipifera* 1963
enthredinidae, in Moldavia 3073
enthredinis, Mesoleius (see *M. aulicus*)
entyria nomas
  in USSR 622
  on sugar-beet, in USSR 622
enuicornis, Frankliniella
enuipalpidae
  in Iran 1776
  preyed on by, *Phytoseiulus macropilis,* in Hawaii 2270
Tenuipalpinae, taxonomy of 2092
Tenuipalpus
  in New Zealand 4056
  in Pakistan 4551
  keys to 4056
Tenuipalpus dimensus
  sp. n., description of 4551
  in Pakistan 4551
  on apple, in Pakistan 4551
Tenuipalpus granati
  in Egypt 1891
  on grape vine, in Egypt 1891
  predators of, in Egypt 1891
Tenuipalpus hornotinus
  sp. n., description of 4551
  in Pakistan 4551
  on pomegranate, in Pakistan 4551
Tenuipalpus lustrabilis
  sp. n., description of 4551
  in Pakistan 4551
  on pomegranate, in Pakistan 4551
Tenuipalpus placitus
  sp. n., description of 4551
  in Pakistan 4551
  on pomegranate, in Pakistan 4551
Tenuipalpus punicae
  biology of 1908
  control of, acaricides for 2788
  in Egypt 1891, 1908
  in India 2788
  in Spain 190
  on pomegranate
    damage caused by 190
    in Egypt 1891, 1908
    in Punjab 2788
    in Spain 190
  predators of, in Egypt 1891
tenuirostris, Tenuirostritermes
Tenuirostritermes tenuirostris
  foraging behaviour in 485
  in Mexico 485
Tepa (1,1′,1″-phosphinylidynetris[aziridine])
  sterilant for
    Dacus oleae 2463
    Diparopsis castanea 4119
    D. watersi 4925
    Hylemya brassicae 605
    Macrosiphum euphorbiae 752
    Pectinophora gossypiella 4607
    Rhyacionia buoliana 5193
    Spodoptera exigua 647, 2145
    S. littoralis 2013–2014
Tephrina arenacearia
  control of, integrated 1831
  in USSR 1830–1831
  on lucerne, in Turkmenia 1831
  parasitised by, *Rogas testaceus,* in Turkmenia 1830
Tephritidae
  in Burma 2962
  in Cambodia 2962
  in Laos 2962

Tephritidae *contd.*
  in Malaysia 2962
  in North Vietnam 2962
  in South Vietnam 2962
  in Thailand 2962
  parasitised by
    Dirhinus giffardii, and biological control using, in Réunion 5231
    Syntomosphyrum indicum, and biological control using, in Réunion 5231
    Tetrastichus giffardianus, and biological control using, in Réunion 5231
TEPP (tetraethyl diphosphate)
  against
    Tetranychus urticae 274
    Trialeurodes vaporariorum 4954
  phoxim degradation product 5260
Terbacil (*see* 2,4(1*H*,3*H*)-Pyrimidinedione, 5-chloro-3-(1,1-dimethylethyl)-6-methyl-) 2327
terebra, Cossus
terebrans, Eriborus
terginus, Scaptocoris
Terminalia arjuna, *Lachnosterna consanguinea* on, in India 4189
Terminalia catappa
  Anastrepha suspensa on
    in Florida 4306
    in Jamaica 3758
terminifera, Chortoicetes
Termites
  assessing building materials for susceptibility to 1602
  galleries of 2698
  mounds of, calcium carbonate in 3142
  on wheat, in Rhodesia 4742
  productivity in 2695
  sampling subterranean populations of 2680
  social homeostasis in 3143
Tern, common (see *Sterna hirundo*)
Terra Sytam (*see* Schradan)
Terracur P (*see* Fensulfothion)
Terramycin
  against, *Aphis fabae* 751, 769
  in *Hyadaphis erysimi,* effects on fertility of 1480
  with dimethoate, against, *Aphis fabae* 751
  with flavomycin, against, *Aphis fabae* 769
  with methyl-demeton, against, *Aphis fabae* 751
terrestre, Gasteruption
tersus, Apanteles
Tessaratoma papillosa
  haemolymph in, seasonal changes in 885
  in China 885
  on *Litchi chinensis,* in China 885
tessulatus, Ctenomorphodes
testacea, Malacosoma neustria
testaceipes, Lysiphlebus
testaceus, Physcus
testaceus, Rogas
testudinea, Hoplocampa
testulalis, Maruca
Tetrachlorvinphos ((*Z*)-2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl phosphate)
  against
    Aonidiella aurantii 182
    Attagenus megatoma 4398
    Conotrachelus nenuphar 1465
    Cydia anaranjada 225
    C. pomonella 172, 1094, 1465
    Empoasca fabae 1495
    Heliothis armigera 630, 4900
    H. zea 291, 2725
    Hypera postica 1443
    Hyperodes humilis 1041
    Lobesia botrana 3717
    Malacosoma californicum 804
    Myzus persicae 1495
    pests of cotton 4817
    Phthorimaea operculella 1495
    Pissodes strobi 3999
    Sitotroga cerealella 1985
    Spodoptera frugiperda 3167
    S. littoralis 3777
    Taniva albolineana 3841
    Tetranychus urticae 784
    Thrips tabaci 1495
  in apple, toxicity of 1465
  in cattle, metabolism of 2923
  in mammals, toxicity of 4518
  in stored rice, residues of 1985
  resistance to, in, *Oryzaephilus mercator* 3391
  use of 4518
Tetracosane, produced by *Heliothis zea,* attractive to *Trichogramma evanescens* 1708
Tetracycline
  in *Hyadaphis erysimi,* effects on fertility of 1480
  monohydrochloride
    in *Nephotettix cincticeps,* effects on ric yellow dwarf of 4751
    in rice, effects on rice yellow dwarf of 4751
3,5-Tetradecadienoic acid, (*Z,E*)-, *Attagenus megatoma* sex pheromone, tested for control 2498
9,11-Tetradecadien-1-ol
  acetate, (*E,Z*)-
    attractant for, *Spodoptera littoralis* 5164
    Spodoptera littoralis sex pheromone 2543
9,12-Tetradecadien-1-ol
  (*E,Z*)-
    in *Plodia interpunctella* 4577

- **,12-Tetradecadien-1-ol** *contd.*
  - (*E,Z*)- *contd.*
    - inhibiter of *Ephestia cautella* response to sex pheromone 4577
  - acetate, (*E,Z*)-
    - attractant for, *Spodoptera dolichos* 1693
    - *Ephestia cautella* responses to
      - effects of isomers on 4028
      - inhibitors of 4577
    - *Plodia interpunctella* responses to, effects of isomers on 4028
    - *P. interpunctella* sex pheromone 407
    - synthesis of 407
  - acetate, (*Z,Z*)-, inhibiter of *Plodia interpunctella* response to sex pheromone 4028
- **etradecanoic acid** (myristic acid)
  - in aphid cornicle secretions 1295
  - in aphids and their cornicle secretions 4083
- **-Tetradecanol**
  - acetate
    - inhibitor of *Pectinophora gossypiella* response to sex pheromone 3418, 4591
    - not affecting response of *Spodoptera littoralis* to sex pheromone 5164
    - *Spodoptera littoralis* sex pheromone 2543
- **,4,5-Tetradecatrienoic acid,** methyl ester, (*E*)-(−)-, attractant for, *Acanthoscelides obtectus* 3477
- **0-Tetradecen-1-ol,** acetate, (*Z*)-, inhibiter of *Adoxophyes orana* response to sex pheromone 3476
- **1-Tetradecen-1-ol**
  - (*E*)-
    - *Platynota idaeusalis* sex pheromone 1467
    - with (*E*)-11-tetradecenyl acetate, attractant for, *Platynota idaeusalis* 1467
  - acetate, (*E*)-
    - attractant for, *Ostrinia nubilalis* 4987
    - inhibiting response of *Argyrotaenia velutinana* to (*Z*)-isomer 3004
    - not affecting response of *Spodoptera littoralis* to sex pheromone 5164
    - *Spodoptera littoralis* sex pheromone 2543
    - with (*E*)-11-tetradecen-1-ol, attractant for, *Platynota idaeusalis* 1467
  - acetate, (*Z*)-
    - *Adoxophyes fasciata* responses to 4087
    - *Argyrotaenia velutinana* sex pheromone 338
      - habituation to 3004
    - attractant for
      - *Adoxophyes orana* 3475–3476
      - *Argyrotaenia pulchellana* 4987
      - *Ostrinia nubilalis* 4924, 4987
- **11-Tetradecen-1-ol** *contd.*
  - acetate, (*Z*)- *contd.*
    - inhibiter of *Spodoptera littoralis* response to sex pheromone 5164
    - with dodecyl acetate
      - attractant for
        - *Archips argyrospilus* 2462
        - *Argyrotaenia velutinana* 4773
  - acetate, (*E*)-, inhibitor of *Adoxophyes orana* response to sex pheromone 3475
- **7-Tetradecen-1-ol,** acetate, (*Z*)-, inhibiter of *Adoxophyes orana* response to sex pheromone 3476
- **9-Tetradecen-1-ol**
  - acetate, (*E*)-, inhibiter of *Adoxophyes orana* response to sex pheromone 3475
  - acetate, (*Z*)-
    - *Adoxophyes fasciata* responses to 4087
    - attractant for, *Adoxophyes orana* 3475 - 3476
    - inhibiter of *Spodoptera littoralis* response to sex pheromone 5164
    - *Spodoptera littoralis* sex pheromone 2543
- **Tetradifon** (1-chloro-4-[(2,4,5-trichlorophenyl)sulfonyl]benzene)
  - against
    - *Lorryia turrialbensis* 2781
    - *Oligonychus indicus* 4527
    - pests of apple 1087
    - pests of jute 2839
    - *Tarsonemus pallidus* 1073
    - *Tetranychus urticae* 784, 1076, 2848, 4198, 4917
  - in *Agistemus exsertus,* toxicity of 2469
  - in apple, effects of 167
  - in *Encarsia formosa,* effects of 1020
  - in *Phytoseius plumifer,* toxicity of 2945
  - in *Stethorus nigripes,* toxicity of 4532
  - resistance to, in, *Tetranychus urticae* 4509
  - with dimethoate, and malathion, against, *Planococcus citri* 3211
- ***Tetragnatha laboriosa***
  - in USA 533
  - preying on, lucerne pests, in New York 533
- **Tetragnathidae**, malathion in, toxicity of 4011
- ***tetramedius, Typhlodromus***
- **Tetramethrin** ((1,3,4,5,6,7-hexahydro-1,3-dioxo-2*H*-isoindol-2-yl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)
  - against
    - *Attagenus megatoma* 3992
    - pests of stored products 772
    - *Sitophilus granarius* 3400
    - *Tribolium castaneum* 3400

Tetramethrin *contd.*
  synergists for, piperonyl butoxide as 3400
Tetramorium caespitum
  preying on, *Reticulitermes flavipes* 114
  productivity of 2683
Tetraneura, in South Korea 265
Tetranychidae
  in Africa 4999
  in Crimea 956
  in Florida 958
  in Paraguay 4151
  in Tadzhikistan 1450
  keys to 4999
  on cotton, in Iran 4359
  on soy bean, damage caused by 5149
  preyed on by, *Phytoseiulus macropilis,* in Hawaii 2270
Tetranychus
  control of 953
  on cotton, in Turkey 953
  on maize, in Egypt 3648
  on soy bean, in New South Wales 4337
  preyed on by, *Blaptostethus piceus,* in Egypt 3648
Tetranychus arabicus
  amidithion susceptibility in 3995
  control of, acaricides for 3771, 3774, 3799, 4647, 5145, 5247
  development in, effects of γ-irradiation on 3499, 4117
  dicofol susceptibility in 3995
  egg-hatch in, effects of γ-irradiation on 3492, 4117
  fecundity in 3025
    effects of γ-irradiation on 4117
  in Egypt 3771, 3774, 5145
  life-span in, effects of γ-irradiation on 4117
  on squash, in Egypt 3771
  on *Vigna unguiculata,* in Egypt 3774
  oxydemeton-methyl resistance in 5240
  reproductive potential in, effects of γ-irradiation on 2569
  sterilisation of, γ-irradiation for 3498
Tetranychus atlanticus (see *T. turkestani*)
Tetranychus bimaculatus (see *T. urticae*)
Tetranychus cinnabarinus
  acaricide resistance in 3479
  biology of 2571, 2635, 4453
  control of 2635
    acaricides for 558, 3771, 4453–4454
  egg-hatch in 4635
  in Egypt 558, 1924, 2841, 3771
  in Israel 2002
  in South Africa 541
  in Turkey 4453–4454
  in UK 2635
  in USA 1865
  noninclusion virus in, infectivity of 4877
  on apple, in Egypt 558
  on cotton, in Turkey 4453–4454
Tetranychus cinnabarinus *contd.*
  on fig, in Egypt 2841
  on maize, in Texas 1865
  on pear, in Egypt 558
  on squash, in Egypt 3771
  on tomato, damage caused by 1924
  oviposition in 4635
  sterilisation of, chemosterilants for 212
  tomato extracts repellent to 4990
  Triplosporium floridanum in, in Israel 2002
Tetranychus cucurbitacearum
  amidithion susceptibility in 3995
  control of, acaricides for 3799
  dicofol susceptibility in 3995
  fecundity in 3025
  food preferences of 2343
  preyed on by, *Typhlodromus pyri* 1833
Tetranychus dianthicus, apholate in, effects of 2144
Tetranychus evansi, noninclusion virus in, not infective 4877
Tetranychus ludeni
  in Mozambique 2826
  on *Ricinus communis,* in Mozambique 2826
Tetranychus mcdanieli
  control of, acaricides for 163, 1639
  in USA 163–164, 1639
  on apple
    effects of sprinklers on 164
    in Washington 163–164, 1639
Tetranychus neocaledonicus
  biology of 2159
  control of, sterile-male technique for 4116
  in Egypt 960
  in Malagasy Republic 2159, 4116
  life history of 960
  on *Citrus,* in Egypt 960
  on cotton, in Malagasy Republic 4116
  on *Ipomoea,* in Malagasy Republic 4116
  on *Sechium edule,* in Malagasy Republic 4116
  preyed on by, *Stethorus madecassus,* in Malagasy Republic 2159
  setae in 5002
  sterilisation of, X-irradiation for 4116
  strains of 4116
Tetranychus pacificus
  in USA 1524
  noninclusion virus in, not infective 4877
  on cotton
    effects of fertilisers on 1524
    effects of irrigation on 1524
    on California 1524
  preyed on by, *Stethorus picipes* 4709
Tetranychus telarius dianthica (see *T. dianthicus*)
Tetranychus tumidus
  in USA 958
  population dynamics of 958

Tetranychus turkestani
- control of, acaricides for 2484, 4453, 4813
- in Iran 4813
- in Turkey 4453
- on bean, damage caused by 946
- on cotton
  - in Iran 4813
  - in Turkey 4453
- tomato extracts not repellent to 4990

Tetranychus urticae
- acaricide resistance in 4509
  - in South Korea 2924
- acaricide susceptibility in, in central Europe 4528
- binapacryl resistance in, mechanism of 2063
- biology of 380, 2635
- control of 1462, 2635
  - acaricides for 270, 274, 662, 771, 784, 1076, 1119, 1206, 1500, 1914, 1940–1941, 2484, 2812, 2848, 3242, 3398, 3797, 3811, 4000, 4198, 4453, 4455, 4516, 4906, 4917, 4919, 4949, 5129, 5234
  - effects of insecticides on 3797
  - fungicides for 3572
  - genetic 4112
  - in glasshouses 3935
  - in USSR 4811
  - integrated 1087
  - spray frequencies for 3811
  - sterile-male technique for 3491
  - vineyard sprayers for 2600
- cuticle in 2519, 2985
- demeton resistance in, in Uzbekistan 4509
- development in
  - effects of antibiotics on 973
  - effects of herbicides on 973
- diapause in 2376
  - effects of pesticides on 3481
- dicofol in, effects of 3402
- dimethoate resistance in, in UK 1076
- *Entomophthora* spp. in, in India 747
- epidermis in, effects of acaricides on 2985
- fecundity in, effects of food-plant on 1208, 3026
- feeding behaviour in 952, 978
- fluenetil in, metabolism of 3467
- food-plants of 91
  - in Turkey 4443
  - in West Bengal 1804
- Galecron resistance in 766
- glands in 1687
- herbicides in, toxicity of 2327
- in Australia 2809
- in Brazil 1500, 1941, 3811
- in Bulgaria 3226
- in Canary Islands 1206
- in Czechoslovakia 1733

***Tetranychus urticae** contd.*
- in East Germany 1087
- in Egypt 3797
- in France 3935
- in India 747, 1804, 1918
- in Iran 1119
- in Israel 2002
- in Jordan 4905–4906
- in New Zealand 274
- in Pakistan 4198
- in Poland 563, 3572, 3579
- in South Korea 2924
- in Taiwan 2812
- in Tanzania 1940
- in Turkey 4443, 4453, 4455
- in UK 1076, 2376, 2635, 2848, 3193, 4917, 5234
- in USA 662, 1462, 1865, 3242, 4000, 5129
- in USSR 380, 1914, 4509, 4811, 5157
- in West Germany 5116
- methyl-demeton resistance in
  - in England 1076
  - in Uzbekistan 4509
- methyl-demeton-S resistance in, in UK 2376
- noninclusion virus in, not infective 4877
- nutrition of 978
- on apple
  - in East Germany 1087
  - in Michigan 1462
  - in Poland 563
  - in UK 3193, 5234
- on bean, in Iran 1119
- on black currant, in New Zealand 274
- on *Carthamus tinctorius,* in California 3242
- on chrysanthemum
  - in UK 2848
  - varietal preferences of 1532
- on *Citrullus,* resistance to 1208
- on cotton
  - in Brazil 1941
  - in Egypt 3797
  - in Tanzania 1940
  - in Turkey 4453, 4455
  - in USSR 4811
  - in Uzbekistan 4509, 5157
  - resistance to 1134
    - evaluation of 1133
- on cucumber
  - in Bulgaria 3226
  - in Jordan 4905–4906
  - in Poland 3572, 3579
  - in USSR 1914
- on *Cucumis,* resistance to 1208
- on *Dolichos sesquipedalis,* in Taiwan 2812
- on *Euonymus japonicus,* in Kansas 662
- on *Gossypium,* resistance to 1134
- on grapevine, in West Germany 5116
- on groundnut, in Pakistan 4198

Tetranychus urticae *contd.*
  on *Hibiscus esculentus,* in Pakistan 4198
  on hops, in Czechoslovakia 1733
  on lucerne, in Jordan 4905
  on maize, in Texas 1865
  on marigold, in Florida 4000
  on pea, in Jordan 4905
  on peach, in Florida 5129
  on pear, in UK 3193, 5234
  on *Phaseolus vulgaris*
    in Canary Islands 1206
    in Jordan 4905
  on plum, in UK 3193
  on roses
    in Brazil 3811
    in UK 2376
  on *Solanum melongena,* in Brazil 1500
  on sorghum, in Texas 1865
  on soy bean, in India 1918
  on strawberry
    in New Zealand 274
    in UK 1076
  on sugar-beet, effects of soil on 1317
  on tomato
    assessing infestations of 4917
    effects of soil on 1317
    in England 4917
  on *Vicia faba,* effects of soil on 1317
  on zucchini marrow, in Queensland 2809
  plant growth regulators in, toxicity of 2327
  preferential mating in 3491
  preyed on by
    Agistemus exsertus, in Egypt 3797
    Amblyseius chilenensis 3668
    A. fallacis 3126
      in Michigan 1462
    Metaseiulus occidentalis 3126
    Paracheyletia bakeri 115
    Phytoseiulus persimilis 2268, 4218
      and biological control using
        in Bulgaria 3226
        in England 4917
        in Poland 3579
        in UK 2635
  quinomethionate in, toxicology of 1641
  reproduction in
    effects of antibiotics on 973
    effects of herbicides on 973
  setae in 5003
  sex ratio in 386
  thiometon resistance in
    genetics of 1733
    in Czechoslovakia 1733
  tomato extracts repellent to 4990
  Triplosporium floridanum in, in Israel 2002
Tetranychus urticae dianthica (see *T. dianthicus*)
Tetranychus viennensis
  control of, acaricides for 1085, 4464, 4468
Tetranychus viennensis *contd.*
  in Poland 563
  in Turkey 4468
  in USSR 1085
  on apple
    in Crimea 1085
    in Poland 563
  on peach, in Turkey 4468
tetraonis, Indarbela
Tetraphleps abdulghanii
  in India 2674
  in Pakistan 2674
  preying on
    Adelges spp.
      in India 2674
      in Pakistan 2674
Tetrapolipus rhynchophori, taxonomy of, transferred to *Rhynchopolipus* 862
tetraspilota, Adalia
Tetrastichus
  biology of 3257
  hyperparasitising, *Orgyia dubia,* in Egypt 1314
  in UK 1771
  on soy bean
    damage caused by 616
    in Uttar Pradesh 616
  parasitised by, *Aphidencyrtus cassatus,* in Rhodesia 3257
  parasitising
    Aspidomorpha miliaris, in Philippines 2360
    Ceroplastes floridensis, in Pakistan 3123
    Contarinia sorghicola
      in Karnataka 4228
      in Madhya Pradesh 4274
    Hydrellia philippina, in Philippines 523
    Icerya aegyptiaca, in Pakistan 3123
    Mikomyia coryli, in Turkey 5119
    Phalacrotophora epeirae, in Florida 1099
    Rastrococcus iceryoides, in Madhya Pradesh 191
    Trioza erytreae, in Rhodesia 3257
Tetrastichus brontispae
  in Java 3652
  parasitising
    Brontispa longissima
      and biological control using
        in New Caledonia 3652
        in Solomon Islands 4765
Tetrastichus bruchophagi
  development in 2669
  in USA 2669
  parasitising, *Eurytoma roddi* 2669
Tetrastichus ceroplastae
  in Israel 3745
  parasitising, *Ceroplastes floridensis,* in Israel 3745

Tetrastichus ecus
  in UK 3280
  parasitising, *Phyllonorycter* spp., in UK 3280
Tetrastichus epicharmus
  in Greece 2308
  parasitising, *Contarinia medicaginis,* in Greece 2308
Tetrastichus galactopus
  hyperparasitising, *Pieris brassicae,* in Hungary 3222
  in Hungary 3222
  in USSR 3954
  parasitising
    Apanteles glomeratus
      in Hungary 3222
      in Lithuania 3954
    A. limbatus, in Hungary 3222
Tetrastichus giffardianus
  parasitising
    Ceratitis capitata 5231
    Dacus demmerezi 5231
    Pardalaspis cyanescens 5231
    Tephritidae, and biological control using, in Réunion 5231
Tetrastichus hylotomarum
  in Bulgaria 487
  parasitising, *Athalia cordata,* in Bulgaria 487
Tetrastichus israeli
  parasitising
    Chilo sacchariphagus, and biological control using, in Réunion 5231
    Galleria mellonella 5231
Tetrastichus julis
  in USA 3387
  in Yugoslavia 464
  parasitising
    Oulema melanopus
      and biological control using
        in Michigan 5071
        in Ohio 5071
      in USA 3387
      in Yugoslavia 464
Tetrastichus ledrae
  sp. n., description of 2320
  in Italy 2320
  parasitising, *Ledra aurita,* in Italy 2320
Tetrastichus leptoneurus
  hyperparasitising, *Kermococcus quercus,* in USSR 4701
  in USSR 4701
  parasitising, *Tetrastichus pachyneurus,* in USSR 4701
Tetrastichus ovivorax
  in Italy 2319
  parasitising, *Oecanthus pellucens,* in Italy 2319
Tetrastichus pachyneurus
  biology of 4700
  in USSR 4700–4701
Tetrastichus pachyneurus *contd.*
  parasitised by, *Tetrastichus leptoneurus,* in USSR 4701
  parasitising, *Kermococcus quercus,* in USSR 4700–4701
Tetrastichus percaudatus
  in Italy 2319
  parasitising, *Oecanthus pellucens,* in Italy 2319
Tetrastichus purpureus
  in India 4217
  parasitising, *Kerria lacca,* in Bihar 4217
Tetrastichus rapo
  in USSR 3954
  parasitising, *Apanteles glomeratus,* in Lithuania 3054
Tetrasul (1-chloro-4-[(2,4,5-trichlorophenyl)thio]benzene)
  in *Pegomya nigritarsis,* toxicity of 2277
  in *Zetzellia mali,* toxicity of 2657
Tetropium castaneum
  flight activity in 2857
  in Belgium 2857
Tetropium cinnamopterum cinnamopterum
  in Canada 1672
  on *Picea glauca,* in Alberta 1672
Tetropium cinnamopterum parvulum, taxonomy of, raised to specific rank 1672
Tetropium parvulum
  biology of 1172
  in Canada 1172, 1672
  on *Picea engelmanii,* in Alberta 1172, 1672
  on *Picea glauca,* in Alberta 1172, 1672
  parasitised by, *Pyracmon alaskensis,* in Alberta 1172
  preyed on by, woodpeckers, in Alberta 1172
  taxonomy of, raised from subspecies of *T. cinnamopterum* 1672
Tetropium velutinum, internal genitalia in 1672
Tettigella spectra
  on rice 4262
  padi jantan disease, causal agent in, not transmitted 3166
  penyakit merah virus in, not transmitted 3166
Tettigella viridis, control of, insecticides for 708
Tettigonia caudata
  in USSR 2702
  on *Papaver somniferum,* in Kirghizia 2702
Tettigoniella spectra (see *Tettigella*)
Tettigoniidae, on rice, in Japan 522
texana, Atta
texanus, Chelonus
texanus, Dectes
texanus, Horismenus

Texas
  Anthonomus grandis in, on cotton 650, 2368, 3961, 4822
  Aphis gossypii in, on cotton 4816
  Asterolecanium pustulans in, on ornamental plants 215
  coastal waters off, pesticide residues in 1651
  cotton in, arthropods on 2836
  cutworms in, on cotton 649
  Dendroctonus frontalis in, on *Pinus* 1955–1956
  Frankliniella spp. in, on cotton 4816
  Heliothis virescens in 4593
    on cotton 1942, 2607
  H. zea in, on cotton 2607
  Lachnosterna crinita in
    on sorghum 125
    on wheat 125
  Myzus persicae in
    on cabbage 194
    on spinach 194
  Nysius spp. in
    on sugar-beet 508
    on wheat 508
  Oligonychus pratensis in
    on maize 1865
    on sorghum 1865
  O. stickneyi in, on maize 1865
  Oncideres rhodosticta in, on *Prosopis glandulosa* 715
  Phyllocoptruta oleivora in, on *Citrus* 181
  Psallus seriatus in, on cotton 4816, 4822
  Rhopalosiphum maidis in, on sorghum 1873–1874
  Schizaphis graminum in, on sorghum 1428, 1873–1874, 2300
  soil in, pesticide residues in 1652
  Tetranychus cinnabarinus in, on maize 1865
  T. urticae in
    on maize 1865
    on sorghum 1865
Textiles, insect pests of, in UK 5206
Textiles, wool
  Attagenus megatoma in 3369, 3989, 3992, 4398
  pest control in
    resmethrin for 3369
    surfactants for 3989
    tetrachlorvinphos for 4398
    tetramethrin for 3992
  Tineola bisselliella in 3369
Thailand
  Atherigona soccata in, on sorghum 1049, 1062
  Citrus greening disease in 4309
  Diaphorina citri in 4309
  entomology in 2596
  Tephritidae in 2962
thalassina, Bathycoelia
Thamnosphecia scitula (see *Aegeria*)
Thanasimus formicarius
  attraction of, to *Myelophilus piniperda* pheromone 4840
  in Czechoslovakia 703
  in Spain 680
  in West Germany 4840
  preying on
    Ips typographus, in Czechoslovakia 703
    Myelophilus minor, in Spain 680
    M. piniperda, in Spain 680
Thanatopsyche chilensis, in Chile 2800
Thanite (*exo*-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl thiocyanatoacetate)
  in *Musca domestica*, effects on oxidation of toluene methyl group of 3796
  in *Spodoptera littoralis*, effects on oxidation of toluene methyl group of 3796
Thaumetopoea pinivora
  in Spain 669
  on *Pinus*, in Spain 669
Thaumetopoea pityocampa
  biology of 668, 3353
  control of, *Bacillus thuringiensis* for 671–672
  cytoplasmic virus in 3903
  feeding behaviour in 3903
  hyperparasitised by
    Villa fimbriata, in Spain 670
    V. maura, in Spain 670
    V. morio, in Spain 670
    V. velutina
      in France 1162
      in Spain 670
  in France 1162, 3352–3353, 5046
  in Italy 672
  in Spain 665, 668–670
  larval development in 3903
  on *Pinus*
    in Italy 672
    in Mediterranean region 667
    in Spain 665, 668–669
  on *Pinus nigra*, in Corsica 3353
  on *Pinus radiata*, damage caused by 675
  parasitised by
    Coelichneumon rudis, in Spain 670
    Exorista larvarum, in Spain 669
    Phryxe caudata 3351
    Villa brunnea
      in France 1162, 3352, 5046
      in Spain 670
    V. morio, in France 5046
  preyed on by
    Barbitistes fischeri, in Spain 669
    Elyomis quercinus, in Spain 669
    Ephippigerida zapateri, in Spain 669
    Parus major, in Spain 669
    Steropleurus ortegai, in Spain 669
    S. perezi, in Spain 669
  social behaviour in 3351

umetopoea processionea
  n East Germany 5182
  n USSR 3813
  n *Quercus,* in Moldavia 3813
  arasitised by
    Anastatus bifasciatus, in Moldavia 3813
    Pales pavida 2658
umetopoea solitaria
  ontrol of, insecticides for 4481
  n Turkey 4480–4481
  n *Pistacia vera,* in Turkey 4480–4481
umetopoea wilkinsoni
  iology of 3832
  ontrol of 3832
  n Cyprus 3832
  n *Pinus brutia,* in Cyprus 3832
  arasites of, in Cyprus 3832
  redators of, in Cyprus 3832
a, Parametriotes
ea sinensis (see Tea)
ea vigintiduopunctata
  n Iran 4292
  n Turkey 4459
  n USSR 1000
  reying on, *Lepidosaphes malicola,* in Iran 4292
ae, Acaphylla
ae, Aphelinus
ae, Fiorinia
ae, Parametriotes
ecla
  ontrol of, insecticides for 2760
  n pineapple, damage caused by 2760
ecodiplosis brachyntera
  istribution of 1548
  alls caused by 4547
  n Czechoslovakia 1548, 2393, 5192
  n *Pinus,* in Czechoslovakia 5192
  n *Pinus mugo*
    damage caused by 4386–4387
    in Czechoslovakia 1548
  n *Pinus nigra,* damage caused by 4387
  n *Pinus sylvestris*
    damage caused by 4387
    in Czechoslovakia 1548, 2393
  n *Pinus uncinata,* damage caused by 4387
  utbreaks of 1548
ecodiplosis japonensis
  n South Korea 2655
  n *Pinus densiflora,* damage caused by 700
  n *Pinus rigida,* resistance to 700
  redators of, in South Korea 2655
ecodiplosis liriodendri
  ontrol of, insecticides for 1963
  n USA 1963
  n *Liriodendron tulipifera,* in Tennessee 1963
elohania, in, *Pieris rapae,* effects of 1185
Thelohania argyresthiae
  sp. n., description of 3944
  in, *Argyresthia conjugella,* in Lithuania 3944
theobaldi, Cavariella
theobaldi, Thomasiniana
Theobroma cacao (see Cacao)
theobroma, Distantiella
theobromae, Amblypelta
theobromae, Callosobruchus
Theresimima ampelophaga
  in Turkey 4469
  on grape vine, in Turkey 4469
Theridion ovatum, in Norway 5114
Therioaphis maculata (see *T. trifolii*)
Therioaphis riehmi
  in Canada 2668
  in USA 4224
  on *Melilotus alba,* in British Columbia 2668
  parasitised by
    Aphelinus semiflavus, in Nebraska 4224
    Praon exsoletum, in British Columbia 2668
Therioaphis trifolii
  control of, insecticides for 3709
  in USA 3709, 4224
  on lucerne, in Arizona 3709
  parasitised by
    Aphelinus semiflavus, in Nebraska 4224
    Monoctonus paulensis 1378
  pea leaf-roll virus in, not transmitted 3229
  biotype F 3709
  biotype H 3709
Thermobia domestica
  cecropia C_{18} hormone in, metabolism of 3473
    embryonic development in, effects of juvenile hormone analogues on 1717, 2127
  genital region in 1276
  reproduction in, effects of juvenile hormone analogues on 2127
  water relations in 899, 2568
Theronia atalantae fulvescens
  in USA 5179
  parasitising, *Lymantria dispar,* in Pennsylvania 5179
Thiacidas postica
  biology of 1024
  in India 1024
  on *Ziziphus jujuba,* in India 1024
  parasitised by
    Apanteles taprobanae, in India 1024
    Brachymeria spp., in India 1024
    Charops obtusus, in India 1024
    Goryphus spp., in India 1024
2*H*-1,3,5-thiadiazine-2-thione, tetrahydro-3,5-dimethyl- (dazomet)

2*H*-1,3,5-thiadiazine-2-thione, tetrahydro-3,5-dimethyl- *contd.*
- against, *Heterodera rostochiensis* 1592
- in soil, effects on Carabidae of 1592

Thiamine, in *Itoplectis conquisitor*, dietary requirement for 350

Thimet (*see* Phorate)

Thinophilus flavipalpis
- in Egypt 4748
- preying on, *Ephydra macellaria*, in Egypt 4748

Thiocarboxime (*see* Ethanimidothioic acid, *N*-[[(methylamino)carbonyl]oxy]-, 2-cyanoethyl ester)

Thiocron (*see* Amidithion)

Thiodan (*see* Endosulfan)

Thiodan cotton spray (*see* DDT, with endosulfan)

Thiodan-Staub (*see* Endosulfan)

Thiodemeton (*see* Disulfoton)

Thiodiphosphoric acid **($(HO)_2(O)POP(S)(OH)_2$)**, tetraethyl ester, phoxim degradation product 5260

Thiodiphosphoric acid ($[(HO)_2P(S)]_2O$)
- tetraethyl ester (*see* Sulfotep)
- tetrapropyl ester
  - against, *Blissus insularis* 2304
  - in papaya, toxicity of 594

Thiofanox (*see* 2-Butanone, 3,3-dimethyl-1-(methylthio)-, *O*-[(methylamino)carbonyl-]oxime)

Thiometon (*S*-[2-(ethylthio)ethyl] *O,O*-dimethyl phosphorodithioate)
- against
  - aphids 3309
  - *Aphis craccivora* 3763–3764
  - *A. gossypii* 640, 4013
  - *Earias insulana* 4810
  - *Empoasca* spp. 3245
  - *Helopeltis antonii* 1888
  - *Leucinodes orbonalis* 4349
  - *Maladera* spp. 4504
  - *Myzus persicae* 4457
  - *Pectinophora gossypiella* 4810
  - pests of cotton 1140, 3789
  - *Petrobia latens* 3157
  - *Tetranychus urticae* 4455
  - thrips 640, 3309
  - *Thrips tabaci* 1202, 2835
- in *Aphidius*, toxicity of 1243
- in *Chrysopa carnea*, toxicity of 1243
- in *Coccinella septempunctata*, toxicity of 1243
- in *Encarsia formosa*, toxicity of 1243
- in groundnut, residues of 4534
- in *Menochilus sexmaculatus*, toxicity of 2470
- in *Perilloides bioculatus*, toxicity of 1243
- in *Phytoseiulus persimilis*, toxicity of 1243
- in plant material, bioassay for 4174

Thiometon *contd.*
- in soil
  - effects on Acarina of 1241
  - effects on Collembola of 1241
- in tobacco, residues of 3404
- in *Xanthogramma aegyptium*, toxicity of 4013
- resistance to, in
  - *Myzus persicae* 2459
    - in Czechoslovakia 5239
  - *Tetranychus urticae*, in Czechoslovakia 1733
- with bromophos-ethyl, against, pests of brussels sprouts 195
- with endrin
  - against
    - *Empoasca* spp. 3245
    - *Spodoptera littoralis* 1882

Thionazin (*O,O*-diethyl *O*-pyrazinyl phosphorothioate)
- against
  - *Folsomia candida* 1626
  - *Hylemya brassicae* 3611
  - *Psila rosae* 4797
  - *Rhizoecus cacticans* 1147
  - *Trialeurodes vaporariorum* 4954
- in carrot, residues of 4797
- in soil, persistence of 1626

Thionex (*see* Endosulfan)

Thioperoxydicarbonic diamide ($[(H_2N)C(S)]_2S_2$), tetramethyl- (*see* Thiram)

Thioperoxydiphosphoric acid **($[(HO)_2P(S)]_2S_2$)**, tetramethyl ester, formothion product, in bean 1647

Thiophanate (*see* Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, diethyl ester)

Thiophanate-methyl (*see* Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]b s-, dimethyl ester)

thiophos (common name in USSR) (*see* Parathion)

Thiophos (Cyanamid trade mark) (*see* Parathion)

Thioquinox (1,3-dithiolo[4,5-*b*]quinoxaline- thione)
- against, *Panonychus ulmi* 1458

Thiotepa (1,1′,1″-phosphinothioylidynetris[aziridine])
- sterilant for
  - *Agrotis segetum* 251
  - *Epilachna vigintioctomaculata* 4799
  - *Heliothis virescens* 5016

Thipyrameth, controlling *Malameba locusta* in locust colonies 93

Thiram (tetramethylthioperoxydicarbonic diamide ($[(Me_2N)C(S)]_2S_2$))
- in *Citrus*, effects on mites of 3744
- in *Trichogramma cacoeciae*, effects of 1006

am *contd.*
  ith Dursban, in *Phaseolus lunatus,* toxicity of 3227
tle, *Cynthia cardui* on, development of 4190
masiniana theobaldi
  ology of 3716
  evelopment in 2582
  idymella applanata, relation of, and 3716
  Hungary 3716
  n raspberry, in Hungary 3716
miscidae, malathion in, toxicity of 4011
mpsoni, Aphidoletes
mpsoni, Lydella
racica, Diopsis
sea sinensis
  Papua New Guinea 4144
  n coconut, in Papua 4144
  reyed on by, *Platymeris laevicollis* 4144
ax, Erionota
eads (*see* Yarns)
reonine
  n *Anthonomus grandis* diet, requirement for 3558
  n *Dysdercus fasciatus* diet, requirement for 3001
  n *Scirpophaga nivella,* dietary requirement for 3000
rips (*see also* Thysanoptera)
  n Himachal Pradesh 3118
  on cotton
    effects of irrigation on 4354
    in Egypt 4354
    in Iran 4360
  on grape vine, in Turkey 4469
  on soy bean, damage caused by 5149
rips exilicornis
  in Mozambique 3217
  on banana, in Mozambique 3217
hrips hawaiiensis
  in South Korea 2586
  on ornamental plants, in South Korea 2586
hrips imaginis
  biology of 2778
  in Australia 2778
  on apple, in New South Wales 2778
hrips oryzae (see *Cloethrips*)
hrips tabaci
  biology of 82
  control of, insecticides for 629, 1131, 1137, 1202, 1495, 1931, 1933, 2367, 2835, 3771, 3801
  embryonic development in, effects of food-plant on 58
  fecundity in, effects of food-plant on 58
  in Egypt 1131, 1137, 1495, 1517, 1526, 1933, 2366–2367, 3249, 3771, 3801, 4355–4356
  in India 2661
  in Iran 4360

Thrips tabaci contd.
  in Poland 1244
  in USA 629, 1931
  in USSR 1130
  Lycopersicon virus 3 in, in Poland 1244
  nymphal development in, effects of food-plant on 58
  on cotton
    distribution pattern of 4356
    effects of cultural practices on 1517
    in Egypt 1137, 1517, 1933, 2366–2367, 3249, 3801, 4355–4356
    in Georgia (USA) 1931
    in Iran 4360
    resistance to 2366
  on onion
    in Buryatia 1130
    in Rajasthan 2661
    in Washington 629
  on potato, in Egypt 1495, 1526
  on squash, in Egypt 3771
  on tobacco, in Poland 1244
  on tomato, in Egypt 1131
  parasitised by, *Ceranisus* spp., in Rajasthan 2661
  population dynamics of 4355
  rearing of, techniques for 82
  seasonal abundance of 3249
thuiella, Argyresthia
Thuja, Aegyptobia tragardhi on, in Egypt 92
Thuja orientalis, Tuckerella equalis on, in Pakistan 2980
thujaella, Coleotechnites, (*Pulicalvaria*)
Thujone (*see* Bicyclo[3.1.0]hexan-3-one, 4-methyl-1-(1-methylethyl)-, [1*S*-(1α,4α,5α)]-)
thurberiella, Bucculatrix
Thuricide (see *Bacillus thuringiensis*)
Thuricide H-PSC (see *Bacillus thuringiensis*)
Thuricide HP (see *Bacillus thuringiensis* var. *kurstaki*)
Thuricide HPC (see *Bacillus thuringiensis* var. *alesti*; see *Bacillus thuringiensis* var. *galleriae*)
Thuricide 90 (see *Bacillus thuringiensis*)
Thuricide 90TS (see *Bacillus thuringiensis* var. *thuringiensis*)
Thymelicus lineola
  control of 1430
  in Canada 1430
  on *Phleum pratense,* in Ontario 1430
Thymidine
  in *Euscelis lineolata,* incorporated into clover phyllody agent 4889
  in *Heliothis zea, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into DNA of 3341
  in *Myzus persicae,* counteracting aminopterin depression of wing formation 5008

Thymidine *contd.*
  in *Trichoplusia ni, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into DNA of 3338
Thyridanthrax fimbriata (see *Villa*)
Thyrsostoma guerini (see *Stathmopoda*)
Thysanoptera (*see also* Thrips)
  Botrytis fabae in, transmission of 3309
  in Portugal 2652
  in West Africa 321
  on cotton, in Iran 4359
thysanopterus, Pediobius
Thysanus maximus
  in Brazil 1032
  parasitising, *Rhinoleucophenga obesa,* in Brazil 1032
Tianschanella monstruosa, in USSR 3530
tibialis, Hippodamia tredecimpunctata
tibialis, Paragus
tibialis, Tomicobia
Tibiomus ambitus, taxonomy of, characters distinguishing *T. bebedjaensis* and 3784
Tibiomus bebedjaensis
  sp. n., description of 3784
  in Chad 3784
  on cotton, in Chad 3784
Tibiomus gossypii
  control of, insecticides for 1362
  in Central African Republic 1362
  on cotton, in Central African Republic 1362
  on groundnut, in Central African Republic 1362
  taxonomy of, characters distinguishing *T. bebedjaensis* and 3784
Tideltellus, taxonomy of 4548
Til (*see* Sesame)
***Tilapia,* dried,** *Dermestes maculatus* in, development of 5203
Tilia
  Alnetoidia alneti on, in UK 3136
  Cecidomyiidi on, in Soviet Far East 3282
  Eucallipterus tiliae on, in UK 3136
Tilia europaea
  Eriophyes tiliae on, in UK 4855
  Schistocerca gregaria on 984
  Tarsonemus aculeus on, in UK 4855
Tilia platyphyllos, *Tetranychus urticae* on 91
Tilia vulgaris, *Eucallipterus tiliae* on, in Scotland 5069
tiliae, Eriophyes
tiliae, Eucallipterus
tiliarum, Typhlodromus
Timber
  assessing termite susceptibility in 1602
  beetles in, identification of 2422
Timber preservatives, solvents for 4407
Tinea pellionella
  cytoplasmic polyhedrosis virus in 3330
  fecundity in 2557
Tinea pellionella *contd.*
  larval feeding in 1762
  nuclear polyhedrosis virus in 3330
Tineidae, biology of 816
Tineola bisselliella
  compound eyes in, spectral responses of 5032
  control of, insecticides for 2484, 3369, 3998
  cytoplasmic polyhedrosis virus in 3330
  in UK 5206
  in textiles 3369
    in UK 5206
  nuclear polyhedrosis virus in 3330
    properties of 4426
Tinox (*see* Phosphorothioic acid, *O,O*-dimethyl *O*-[2-(methylthio)ethyl] ester, with *O,O*-dimethyl *S*-[2-(methylthio)ethyl] phosphorothioate) 1238
Tiofos (*see* Parathion)
***Tipula* iridescent virus**
  in
    Galleria mellonella 1991
      effects of 26, 4893, 5226
    Tipula oleracea, transmission of 4884–4885
    Tipulidae, in Scotland 4884
Tipula oleracea, *Tipula* iridescent virus in, transmission of 4884–4885
Tipula paludosa
  control of
    Bacillus thuringiensis for 3887
    Neoaplectana carpocapsae for 3887
  in UK 3150
Tipulidae, *Tipula* iridescent virus in, in Scotland 4884
Tiracola plagiata
  in Papua New Guinea 4144
  on cacao, in Papua 4144
  on coffee, in New Guinea 4144
Tirathaba mundella
  descriptions of 545
  in India 545
  on *Areca catechu*
    damage caused by 545
    in Kerala 545
  on *Areca concinna,* in Kerala 545
  on *Areca triandra,* in Kerala 545
tiro, Hypomicrogaster, (*Microgaster*)
Tit, blue (see *Parus caeruleus*)
Tit, coal (see *Parus ater*)
Tit, great (see *Parus major*)
tityrella, Stigmella (see *S. basalella*)
tjyingi, Eriophyes
tlingitica, Phytomyza
TMTD (*see* Thiram)
Tobacco (*Nicotiana tabacum*)
  buttercup mosaic virus in, infectivity of 4371
  carbofuran in, metabolism of 2929
  DDT in, uptake of 2374

acco *contd.*
  methoate in, residues of 3404
  pitrix hirtipennis on, in North Carolina 1949
  uxoa messoria on, in Ontario 3348, 4920
  nsulfothion in, toxicity of 4920
  Heliothis armigera on, in Queensland 2631
  H. punctigera on, in Queensland 2631
  H. virescens on, in North Carolina 1527, 1949, 5059
  H. zea on, in North Carolina 5059
  Manduca sexta on
    in Kentucky 3655
    in North Carolina 5059
  menazon in, residues of 3404
  Myzus persicae on
    in North Carolina 1949
    in Turkey 4457
    in West Bengal 3122
  parathion in, residues of 4943
  pests of, in Spain 2842
  Phthorimaea operculella on, in Greece 2359
  thiometon in, residues of 3404
  Thrips tabaci on, in Poland 1244
  tomato spotted wilt virus in, in Poland 1244
  Trichoplusia ni on, in Florida 3962
obacco budworm (see *Heliothis virescens*)
obacco (cured leaves), endosulfan in, residues of 2950
obacco etch virus, purification of 730
obacco hornworm (see *Manduca sexta*)
obacco mosaic virus
  in
    Macrosiphum euphorbiae, transmission of 239, 4869
    Myzus persicae
      transmission of 239
        after treatment with poly-L-ornithine 4143
    Nicotiana glutinosa 4869
    tomato 4869
obacco (stored)
  Ephestia elutella in, in Turkey 4494
  Lasioderma serricorne in, in Turkey 4494
  pests of, in Turkey 4494
ocopherol (*see* Vitamin E)
ogo, plant pests and diseases in 3046
oluquinone (*see* 2,5-Cyclohexadiene-1,4-dione, 2-methyl-)
omato (*Lycopersicon esculentum*)
  Aculops lycopersici on
    in Egypt 1337
    in Tasmania 1925
  Agistemus exsertus on, in Egypt 540
  Agrotis segetum on, development of 5088
  aphids on, in Turkey 4445
Tomato *contd.*
  Bemisia tabaci on
    in Egypt 1003, 1131
    in Sudan 939
  carbaryl in, determination of 1623
  diazinon in, residues of 1499
  Dolycoris baccarum on, in Norway 3504
  Empoasca spp. on, in Egypt 1131
  Heliothis armigera on
    in Jordan 4900
    in Mysore 3125
    in Punjab 630
    in Tadzhikistan 5158
    in West Bengal 3125
  herbicides in, effects of insecticides on metabolism of 1218
  insecticides in, bioassay for 4174
  Kieferia lycopersicella on, damage caused by 2801
  Leptinotarsa decemlineata on, in Italy 1496
  Liriomyza sativae on, in Ohio 1499
  Macrosiphum euphorbiae on, in New South Wales 4192
  Manduca sexta on, in Kentucky 3655
  methomyl in, residues of 2362
  Myzus persicae on
    effects of soil on 1317
    in Egypt 1131
    in France 1766
  parathion in, residues of 2954, 4982, 5153
  Pardalaspis cyanescens on, in Réunion 4664
  pests of, in Turkey 4443
  Phthorimaea operculella on, in Egypt 1131, 1923
  Plusia chalcites on, in Egypt 3092
  Sida cordifolia yellow vein mosaic virus in, effects of 3310
  Tetranychus cinnabarinus on, damage caused by 1924
  T. urticae on
    effects of soil on 1317
    in England 4917
  Thrips tabaci on, in Egypt 1131
  tobacco mosaic virus in 4869
  Trialeurodes vaporariorum on
    in Ohio 2362
    in UK 4954
Tomato bronze spot virus (*see* Tomato spotted wilt virus)
Tomato extract
  Spodoptera littoralis feeding responses to 4674
  Tetranychus feeding responses to 4990
Tomato juice, diet component for, *Lobesia botrana* 32
Tomato spotted wilt virus
  in
    Thrips tabaci, in Poland 1244
    tobacco, in Poland 1244

tomentigera, Atherigona
tomentosa, Eurybrachys
Tomicobia tibialis
  flight activity in, in California 4623
  in USA 4623
Tomicus piniperda (see *Myelophilus*)
tonduzi, Blastophaga
topiaria, Chrysoteuchia
Topsin M (*see* Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester)
    3572
Torak (*see* Dialifor)
Torbidan (*see* DDT, with methyl-parathion, and toxaphene)
Tortricidae
  in Soviet Far East 2654
  on *Pistacia vera,* in Turkey 4480
Tortrix costana (see *Clepsis spectrana*)
Tortrix dinota
  in Mauritius 214
  on tea, in Mauritius 214
Tortrix viridana
  coldhardiness in 1316
  control of, insecticides for 693
  hunger-resistance in, effects of temperature on 1316
  in Romania 693
  in West Germany 1386, 4690
  mortality in, effects of food-plant on 2864
  on *Carpinus betulus,* in West Germany 4690
  on *Quercus*
    forecasting infestations of 1210
    in Romania 693
    in West Germany 1386, 4690
  parasites of
    in West Germany 1386
    predation of 4690
  parasitism of 110
  population dynamics of 704
  preyed on by, *Formica polyctena,* in West Germany 4690
Torulopsis, in crop of *Chrysopa carnea* 348
torvus, Syrphus
Torymus cultriventris
  in Turkey 5119
  parasitising, *Mikomyia coryli,* in Turkey 5119
Tossa (*see* Jute)
Toumeyella liriodendri
  biology of 3831
  in USA 3831
  on *Liriodendron tulipifera,* in USA 3831
Toumeyella numismatica
  in Canada 3649
  on *Pinus banksiana,* in Manitoba 3649
  predation of, effects of ants on 3649
  preyed on by, *Hyperaspis congressis,* in Manitoba 3649
Toxaphen (*see* Toxaphene)
Toxaphene
  against
    Anthonomus piri 568
    Anthrenus flavipes 4399
    Ceratitis capitata 2933
    Ceutorhynchus assimilis 599, 1502
    Dasineura brassicae 1502
    Drosophila melanogaster 2933
    Meligethes aeneus 1502
    Pyrilla perpusilla 1034
    Sitona callosus 149
    Spodoptera littoralis 5250
  FAO specifications for 795
  in coffee, effects of 4018
  in estuarine molluscs, residues of 4975
  in estuarine sediment, not released by dredging 1650
  in feral mammals, residues of 4966
  in *Philonthus fuscipennis,* toxicity of 1502
  in soil, residues of 1652
  in sprays, drift resulting from 2956
  in *Tachyporus hypnorum,* toxicity of 1502
  resistance to, in, *Leptinotarsa decemlineata,* in Austria 2036
  with carbaryl, DDT, and methyl-parathion, against, pests of cotton 2370
  with DDT
    against
      Amsacta albistriga 3776
      A. moorei 3776
      pests of cotton 1940, 2370
      Spodoptera frugiperda 5092
  with DDT, and dioxathion
    against
      Chilo agamemnon 4269
      Tryporyza incertulas 4269
    in rice, toxicity of 4269
  with DDT, and methyl-parathion
    against
      Agrotis ipsilon 2837
      Aleurothrixus floccosus 3748
      Earias insulana 2830, 4810
      Pectinophora gossypiella 2830, 481
      pests of cotton 2370
      Spodoptera littoralis 3253
      Thrips tabaci 3801
  with methyl-parathion
    against
      Aleurothrixus floccosus 3748
      Anticarsia gemmatalis 4794
      Epilachna varivestis 4794
      Heliothis zea 4794
      Plathypena scabra 4794
      Spodoptera littoralis 5250
Toxares deltiger, in France 4763
Toxogonin (*see* Pyridinium, 1,1′-[oxybis(methylene)]bis[4-[(hydroxyimino)methyl]-, dichloride)

optera, parasitised by, *Lipolexis*
scutellaris, in West Bengal 3122
optera aurantii
ontrol of, insecticides for 5132
od-plants of 4729
n Australia 4192
n Mauritius 214
n USA 4729
n Venezuela 5132
n *Citrus*
  in New South Wales 4192
  in Venezuela 5132
n tea, in Mauritius 214
ea rose yellow mosaic virus in,
  transmission of 3810
xoptera citricida
n Australia 4192
n Ivory Coast 2429
n Japan 575
n Malaysia 3209
n New Zealand 4560
on *Citrus*
  in New South Wales 4192
  in New Zealand 4560
on orange, in Japan 575
pepper veinal mottle virus in, transmission
  of 2429
predators of, effects of ants on 575
preyed on by, Syrphidae 3664
xoptera graminum (see *Schizaphis*)
xotrypana curvicauda
control of
  bait-sprays for 5137
  insecticides for 5137
in Venezuela 5137
on *Carica papaya*, in Venezuela 5137
oya propinqua
in USA 4278
on *Cynodon dactylon*, in Louisiana 4278
racholena homopolia
in Australia 3290
larvae of 3290
on *Callitris*, in Australia 3290
pupae of 3290
racholena lipara
sp. n., description of 3290
in Papua New Guinea 3290
on *Araucaria hunsteinii*, in New Guinea
  3290
rachypterus, Chrotogonus
ragardhi, Aegyptobia
ragica, Elodia
ragocephala castnia cacaoensis
in Nigeria 5171
on cacao, in Nigeria 5171
rail pheromones
in *Atta texana* 4575
in *Nasutitermes* 3140
in *Nasutitermes exitiosus* 4237
in *Trinervitermes trinervoides* 3139
ransaminase, glutamate-oxaloacetate (*see*
  Aminotransferase, aspartate)
Transaminase, glutamate-pyruvate (*see*
  Aminotransferase, alanine)
transcaspica, Zelomorpha
transcaspicus, Aphidius
transitella, Amyelois, (*Paramyelois*)
transversa, Eupsilia
transversoguttata, Coccinella
transversostriata, Calvolia
Trap, electric-grid
  for
    Manduca sexta 4656
    Trichoplusia ni 4656
  portable 1797
Trap, emergence, description of 84
Trap, funnel, for, parasitic insects 562
Trap, Malaise, for, Syrphidae 4178
Trap, McPhail
  apparatus for keeping attractants under
    sterile conditions in 1340
  for, *Ceratitis capitata* 3917
Trap, Pherocon 1 C
  for
    Argyrotaenia velutinana 1467
    Platynota idaeusalis 1467
Trap, pheromone, for, *Cydia pomonella*
  1468
Trap, pitfall
  description of 1802
  use of 2204
Trap, Sectar
  for
    Argyrotaenia velutinana 1467
    Platynota idaeusalis 1467
Trap, Steiner, for, *Ceratitis capitata* 3917
Trap, sticky, for, Elateridae 1352
Trap, suction, description of 4650
Trap, time-sorting pitfall, descriptions of
  4168, 4652
Trap, water, Barber pots as 1769
Trap, wing, for, *Aegeria pictipes* 4658
Traps
  for
    Achatodes zeae 162
    Adoxophyes orana 3614
    Aegeria exitiosa 3466, 3562
    A. pictipes 4629, 4658
    Aleurocanthus woglumi 2756
    Amphimallon majalis 1796
    Aonidiella aurantii 3060
    aphids 4167, 4186–4187
    Archips argyrospilus 2462, 4653
    Argyrotaenia velutinana 1467, 4773
    Ceratitis capitata 158, 2755, 3751,
      3917, 4778
    Chilo auricilius 4086
    Choristoneura fumiferana 2399
    Costelytra zealandica 4160
    Cryptophlebia leucotreta 5235
    Cydia molesta 2200
    C. pomonella 2777, 3566, 4653
    Diparopsis watersi 4925
    Diptera 4177

- **Traps** *contd.*
  - for *contd.*
    - Drosophilidae 4176
    - *Dundubia rufivena* 3809
    - Elateridae 1352
    - *Heliothis armigera* 4925
    - *H. virescens* 1942, 2607
    - *H. zea* 2607
    - *Hyphantria cunea* 81
    - insects in vegetation 1791
    - Lepidoptera 412
    - *Lobesia botrana* 2317
    - *Manduca sexta* 4656
    - moths 4171
    - *Oryctes rhinoceros* 3056
    - *Ostrinia nubilalis* 4987
    - *Paralobesia viteana* 3186, 4659
    - *Pectinophora gossypiella* 78
    - *Platynota idaeusalis* 1467
    - *Popillia japonica* 1798, 4539
    - *Psila rosae* 3610
    - *Rhagoletis cerasi* 4301, 4303
    - *R. indifferens* 4654
    - *R. pomonella* 934, 3557
    - *Rhynchophorus palmarum* 5109
    - Scolytidae 5199
    - *Spodoptera littoralis* 2197
    - *S. litura* 3559
    - Syrphidae 4178
    - Tortricidae 3736
    - *Trichoplusia ni* 4656, 5044
  - time-interval collecting device for 1799
- **Trechinae,** in Poland 4057
- ***tredecimpunctata, Hippodamia***
- **Tree sparrow** (see *Passer montanus*)
- **Trefoil, birds-foot** (see *Lotus corniculatus*)
- **Trehalase**
  - in *Macrotermes mossambicus* gut 2273
  - in *Trinervitermes trinervoides* 2274
- **Trehalose** (*see* α-D-Glucopyranoside, α-D-glucopyranosyl)
- **Tretamine** (2,4,6-tris(1-aziridinyl)-1,3,5-triazine)
  - sterilant for, *Epilachna vigintioctomaculata* 4799
- **Triacetin** (*see* 1,2,3-Propanetriol, triacetate)
- ***Trialeurodes desmodii***
  - in Chad 5167
  - on cotton, in Chad 5167
- ***Trialeurodes lubia*** (see *T. desmodii*)
- ***Trialeurodes ricini***
  - in Chad 5167
  - on cotton, in Chad 5167
- ***Trialeurodes vaporariorum***
  - control of, insecticides for 2362, 4954
  - DDT resistance in, in England 4954
  - in France 1766
  - in Hungary 3305
  - in UK 4954
  - in USA 2362
  - in USSR 1883
  - malathion resistance in, in England 4954
- ***Trialeurodes vaporariorum*** *contd.*
  - maple mosaic virus in, in Hungary 330
  - on cucumber
    - in England 4954
    - in France 1766
  - on *Euphorbia pulcherrima,* in UK 495
  - on *Pelargonium* 659
  - on tomato
    - in Ohio 2362
    - in UK 4954
  - parasitised by
    - *Encarsia formosa* 1020
      - and biological control using, in USS 1883
  - stylets in 2521
- ***triangulator, Apanteles***
- ***triangulatum, Microcentrum***
- ***triangulifer, Hyalomyodes***
- ***triangulus, Philanthus***
- ***Triarthria,*** taxonomy of 4995
- **1,3,5,2,4,6-Triazatriphosphorine, 2,2,4,4,6,6-hexakis(1-aziridinyl)-2,2,4,4,6,6-hexahydro-** (*see* Apholate)
- **1,3,5-Triazin-2-amine, 4,6-dichloro-*N*-(2-chlorophenyl)-** (anilazine)
  - in *Citrus,* effects on mites of 3744
- **1,3,5-Triazine-2,4-diamine, *N*-butyl-6-methoxy-*N*′-(1-methylethyl)-**
  - in *Phaseolus mungo,* toxicity of 2069
  - in wheat, toxicity of 2069
- **1,3,5-Triazine-2,4-diamine, 6-chloro-*N,N*′-diethyl-** (simazine)
  - in groundnut, residues of 4534
  - synergist for
    - DDT 4959
    - parathion 4959
- **1,3,5-Triazine-2,4-diamine, 6-chloro-*N*-ethyl *N*′-(1-methylethyl)-** (atrazine)
  - synergist for, insecticides 4959
- **1,3,5-Triazine, 2,4,6-tris(1-aziridinyl)-** (*see* Tretamine)
- **1*H*-1,2,4-Triazol-3-amine** (amitrole)
  - in plants, effects of insecticides on metabolism of 1218
- **Triazophos** (*see* Phosphorothioic acid, *O,O*-diethyl *O*-(1-phenyl-1*H*-1,2,4-triazol-3-yl ester)
- ***tribolii, Acarophenax***
- ***Tribolium***
  - in Turkey 2409
  - in stored maize, in Turkey 4487
  - population dynamics of 903
- ***Tribolium anaphe, Nosema whitei*** in 3314
- ***Tribolium castaneum***
  - biology of 1988, 3296, 3302
  - cannibalism in 5036
  - competing with, *Tribolium confusum* 4142
  - control of
    - fumigants for 271, 1987, 5150
    - insecticides for 1633, 2066, 2404–2405 2481, 3400

bolium castaneum *contd.*
ontrol of *contd.*
  γ-irradiation for 1554, 5015, 5210
  juvenile hormone analogues for 2873
  X-irradiation for 1190
DDT resistance in, and cross-resistance
  2056
evelopment in
  effects of γ-irradiated diet on 4603
  effects of γ-irradiation on 3392
  effects of *Plodia* in diet on 2524
ispersal of 231–232
thylene dibromide resistance in, in
  Canada 2039
ecundity in
  effects of γ-irradiation on 1575
  effects of *Plodia* in diet on 2524
abitat selection in 1764
n Australia 2888
n Bulgaria 1988, 3302
n Canada 2039
n Nigeria 3853
n UK 4858
n USA 2404, 5207
n *Helianthus annuus* seeds, in Bulgaria
  1988, 3302
n *Hibiscus cannabinus* seeds 2425
n maltings, in UK 4858
n pulse flours, development of 2124
n stored grain, in Bulgaria 1988
n stored groundnuts
  in Alabama 5207
  in Georgia (USA) 5207
in stored rice 1986
in wheat products, development of 1552
insecticides in, effects of 2944
karyotype and sex-mechanism in 3013
light responses in 1331
malathion resistance in
  in Alabama 5207
  in Georgia (USA) 5207
mortality in, effects of insecticide-
  contaminated prey on 1633
Nosema whitei in 3314–3315
  effects of 241
  infectivity of 3342
  pathogenicity of 3316
    effects of nutrition on 1192
oocytes in, effects of inert atmospheres on
  maturation of 34
population dynamics of 3043
predatory behaviour in 4142
preyed on by
  Acarophenax tribolii 4862
  Acaropsis docta 2660
  Tribolium confusum 5036
  Xylocoris flavipes 2265, 5062
preying on
  Plodia interpunctella 1633
  Tribolium confusum 5036
sensory receptor in 355
survival in, under starvation 2407

Tribolium castaneum *contd.*
  X-irradiation of, effects of 1190
Tribolium confusum
  antigenic properties of 3624
  cannibalism in 5036
  competing with, *Tribolium castaneum*
    4142
  compound eyes in, spectral responses of
    5032
  control of
    antifeedants for 2874
    food additives for 267
    fumigants for 1987, 4489–4490, 4939,
      5245
    hardwood tar oil for 3403
    insecticides for 2484, 4491
    γ-irradiation for 2079
    juvenile hormone analogues for 2873
    X-irradiation for 1190
  development in, effects of azasteroids on
    1604
  habitat selection in 1764
  in Australia 2888
  in Bulgaria 3188
  in Ethiopia 1827
  in UK 4858
  in maltings, in UK 4858
  in stored almonds, in Bulgaria 3188
  light responses in 1331
  Nosema whitei in 3314
  phosphine in, effects of 781
  population dynamics of 3043
    effects of malathion on 1577
    effects of X-irradiation on 1577
  predatory behaviour in 4142
  preyed on by
    Tribolium castaneum 5036
    Xylocoris flavipes 5062
  preying on, *Tribolium castaneum* 5036
  selective feeding in 1297
  sensory receptors in 355
  sterilisation of, γ-irradiation for 2079
  X-irradiation of, effects of 1190
Tribolium madens, development in, effects of
  γ-irradiation on 3392
Tribulus cistoides, *Microlarinus lypriformis*
  on, and biological control using, in
  Papua 4144
tricarinatus, Trieces, (*Chorinaeus*)
trichaeta, Pauropsylla
Trichagalma serrata
  in South Korea 109
  parasitised by, *Eudecatoma variegata*, in
    South Korea 109
Trichaporus partenopea (see *Encarsia*)
Trichiocampus viminalis
  Birdiavirus spp. in, in USSR 1183
  in USSR 1183
Trichlorfon (*see* Trichlorphon)
Trichlormetafos-3 (*see* Phosphorothioic acid,
  O-ethyl *O*-methyl *O*-(2,4,5-
  trichlorophenyl) ester)

Trichlormetafos-3 *contd.*
    2770
    3723
    4948
    5117
    5254
Trichloronate (*O*-ethyl *O*-(2,4,5-trichlorophenyl) ethylphosphonothioate)
  against
    Anisolabis spp. 4340
    Hylemya antiqua 3241, 4500
    H. brassicae 2348, 3611, 3778, 4500, 4804
    Popillia japonica 258
    Psila rosae 3608
    Scutigerella immaculata 4007
  in carrots, residues of 1640, 3609, 4798
  in onion, residues of 3241
  in soil, residues of 3609
  with ziram, against, *Hylemya brassicae* 2348
Trichlorphon (dimethyl (2,2,2-trichloro-1-hydroxyethyl)phosphonate)
  against
    Acrolepia assectella 4500
    Adoxophyes orana 559
    Aglaope infausta 3187
    Agrotis spp. 4447
    A. ipsilon 4448, 4456
    Anarsia lineatella 4300
    Anthonomus piri 568
    A. pomorum 560
    Antispila rivillei 5117
    Argyresthia conjugella 561
    Azochis gripusalis 573
    Bemisia tabaci 1131
    Chilo agamemnon 3675, 4269
    C. partellus 132
    Coleotechnites spp. 692
    Colotois pennaria 4847
    Cydia pyrivora 3737
    Empoasca spp. 1131
    Enarmonia formosana 4769
    Euchrysops cnejus 2353
    Eurygaster spp. 1203, 5233
    E. integriceps 1644, 2288, 4249, 4439
    Euxoa messoria 4920
    Hadena sordida 5085
    Heliothis armigera 2353, 4900
    Helopeltis antonii 1888
    Henosepilachna vigintioctopunctata 1228
    Hydrellia spp. 2735
    H. griseola 2731
    Hylemya floralis 602
    Hypera postica 1443
    leaf-mining moths 1895
    Liriomyza bryoniae 3929
    Lobesia botrana 3717
    Lygus elisus 1881
    L. hesperus 1881
    Mahasena corbetti 5112
Trichlorphon *contd.*
  against *contd.*
    Malacosoma californicum 804
    Mamestra brassicae 5139
    Marmara spp. 579
    Maruca testulalis 2353
    Metisa plana 5112
    Myzus persicae 1131
    Nephotettix cincticeps 1200
    Ostrinia nubilalis 2015, 4745
    Pegomya betae 3929
    pests of cotton 1521
    pests of rape 2805
    Phthorimaea operculella 1131
    Phytomyza rufipes 2344
    Plusia chalcites 2353
    Plutella xylostella 5139
    Polyphylla spp. 4447
    Popillia japonica 258
    Rhagoletis cerasi 160
    Sesamia cretica 3675
    S. nonagrioides 4745
    Sitona humeralis 4948
    Spodoptera frugiperda 5092
    S. littoralis 3777, 5247–5248
    Taniva albolineana 3841
    Tessaratoma papillosa 885
    Thrips tabaci 1131
    Tryporyza incertulas 4269
    Virachola livia 4904
    Xestia c-nigrum 4188
  in *Agrotis segetum*, effects of 277
  in bees, toxicity of 2805
  in cherry, toxicity of 161
  in *Drosophila melanogaster*, effects of 4529
  in entomopathogenic fungi, effects of 4969
  in *Eurygaster integriceps*, effects of 348
  in fish, determination of 928
  in fowls, determination of 928
  in *Hadena sordida*, effects of 277
  in honey bees, toxicity of 1220
  in *Lymantria dispar*, effects of 277
  in *Mamestra brassicae*, effects of 277
  in mice, effects of 2943
  in milk, determination of 928
  in oranges, effects of 1223
  in *Periplaneta americana*, effects of 294
  in *Pieris brassicae*, effects of 3482
  in plant material, bioassay for 4174
  in plants, determination of 928
  in rice, toxicity of 2735, 4269
  in *Trissolcus grandis*, effects of 3658
  in wheat, residues of 2288
  resistance to, in
    Agrotis segetum, mechanism of 276
    Pieris brassicae, mechanism of 276
  with azinphos-methyl
    against
      Earias insulana 4810
      Pectinophora gossypiella 4810

chlorphon *contd.*
 with *Bacillus thuringiensis*
  against
   Pieris rapae 5139
   Plutella xylostella 5139
 with dimethoate, against, leaf-mining
  moths 1895
 with herbicides 4439
 with molasses, against, *Leptinotarsa*
  decemlineata 203
 with protein bait
  against
   Anastrepha fraterculus 5107
   Ceratitis capitata 5107
ichodorus, control of, nematicides for
 5243
ichogomphus fairmairei
 n Papua New Guinea 2310
 arvae of 2310
 on coconut, in New Guinea 2310
ichogramma
 breeding of 4708
 deterioration of laboratory-reared stocks
  of 4222
 fecundity in, effects of diet on 4712
 in California 3490
 in Missouri 3490
 insecticide susceptibility in, assessment of
  777
 life-span in, effects of diet on 4712
 parasitising
  Alabama argillacea
   and biological control using
    in Colombia 1928
    in El Salvador 4502
  Ephestia kuehniella 4502
  Heliothis spp.
   and biological control using 1507
    in Mexico 4352
  H. virescens
   and biological control using, in
    Colombia 1928
   in Mexico 2023
  H. zea
   and biological control using
    in Colombia 1928
    in El Salvador 4502
   in Mexico 2023
  Sacadodes pyralis, and biological
   control using, in Colombia 1928
 rearing of, techniques for 4502
richogramma achaeae
 in India 3125
 parasitising
  Heliothis armigera
   in Mysore 3125
   in West Bengal 3125
richogramma australicum
 in India 3125
 parasitising
  Heliothis armigera
   in Mysore 3125
Trichogramma australicum *contd.*
 parasitising *contd.*
  Heliothis armigera contd.
   in West Bengal 3125
Trichogramma beckeri
 sp. n., description of 3268
 in Costa Rica 3268
 parasitising, *Hypsipyla grandella,* in Costa
  Rica 3268
Trichogramma brasiliensis, parasitising,
 Heliothis spp., and biological control
 using, in Mexico 4352
Trichogramma cacoeciae
 fungicides in, effects of 1006
 hosts of 839
 insecticides in, method for investigating
  effects of 1783
 rearing of, techniques for 1792, 2202
Trichogramma dendrolimi
 in South Korea 3537, 3642
 in USSR 1151
 parasitising
  Dendrolimus spectabilis, in South
   Korea 3537
  D. superans, in USSR 1151
  Hyphantria cunea, in South Korea
   3642
Trichogramma embryophagum, parasitising,
 Cydia pomonella, and biological control
 using, in USSR 4291
Trichogramma evanescens
 biology of 918
 diapause in 1008
 host-seeking stimulants for 1708
 hosts of 839
 in Egypt 2787, 3144
 in Hungary 3222
 in USSR 3946
 in Yugoslavia 687
 methyl-demeton in, toxicity of 777
 parasitising
  Danaus chrysippus, in Egypt 3144
  Gypsonoma aceriana, in Yugoslavia
   687
  Heliothis zea 1708, 4223
  Pieris brassicae, in Hungary 3222
  Sitotroga cerealella 3946
  Trichoplusia ni 4223
  Virachola livia, in Egypt 2787
 superparasitism in 1008
Trichogramma fasciatum
 in Costa Rica 3269
 parasitising, *Hypsipyla grandella,* in Costa
  Rica 3269
Trichogramma minutum
 area of discovery in, effects of host on
  2263
 fecundity in, effects of host on 2263
 in Colombia 2009
 in USA 683, 3655, 5066
 life-span in, effects of host on 2263

- ***Trichogramma minutum*** *contd.*
  - parasitising
    - *Agraulis vanillae,* in Colombia 2009
    - *Alsophila pometaria,* in Virginia 5066
    - *Argyrotaenia velutinana* 2666
    - *Cydia pomonella* 2666
    - *Epinotia aceriella,* in New York 683
    - *Manduca sexta,* in Kentucky 3655
    - *Sitotroga cerealella* 2263
    - *Trichoplusia ni* 2263
- ***Trichogramma pallidum***
  - in USSR 3946
  - parasitising
    - *Cydia pomonella,* and biological control using, in USSR 4291
    - *Sitotroga cerealella* 3946
- ***Trichogramma pretiosum***
  - breeding of 4708
  - fecundity in 4712
  - in Mexico 4352
  - in USA 3490
  - life-span in 4712
  - parasitising
    - *Heliothis* spp., in Mexico 4352
    - *H. zea* 4223
    - *Trichoplusia ni* 4223
- ***Trichogramma semifumatum***
  - oviposition behaviour in 1018
  - parasitising, *Estigmene acraea* 1018
- **Trichogrammatidae**
  - keys to 855
  - male genitalia in 855
- ***Trichogrammatoidea armigera***
  - biology of 2663
  - in India 2663
  - parasitising, *Heliothis armigera,* in Mysore 2663
- ***Tricholyga segregata*** (see *Exorista fasciata*)
- ***Trichoma,*** parasitising, *Fraus simulans,* in Tasmania 4282
- ***Trichomalus perfectus***
  - in Poland 463
  - overwintering in 463
  - parasitising, *Ceutorhynchus assimilis,* in Poland 463
- ***Trichomalus statutus***
  - in USA 1838
  - parasitising, *Oscinella frit,* in Virginia 1838
- ***Trichomma enecator***
  - in Poland 1079
  - in Yugoslavia 687
  - parasitising
    - *Gypsonoma aceriana,* in Yugoslavia 687
    - Tortricidae, in Poland 1079
- ***Trichoplusia ni***
  - assembly of, not produced by infrared radiation 915
  - attraction of 341
    - equipment for studying 3552
  - *Bacillus thuringiensis* in, effects of 3338
- ***Trichoplusia ni*** *contd.*
  - control of 2796
    - attractants for 3962
    - *Bacillus thuringiensis* for 1481–1482, 2806, 5141–5143
    - insecticides for 1481–1482, 2806, 5141–5143
    - traps for 3962
  - development in 2171
  - distribution maps of 3544
  - eggs of
    - differentiation of fertilised 8
    - surface sterilisation of 3565
  - food consumption in, effects of nuclear polyhedrosis virus on 4891
  - granulosis virus in
    - and biological control using 1482
    - effects of 3645, 3900
    - properties of 246, 3882
    - solubilisation of 2005
  - haemolymph proteins in 3900
  - in Canada 1482
  - in Colombia 1928
  - in Egypt 5061
  - in Mexico 5141
  - in USA 242, 1481, 2909, 3766, 3962, 4132, 4656, 5044, 5142–5143, 5166
  - in Venezuela 2806
  - larval development in, effects of parasitis on 2670
  - light responses in 1756
  - nuclear polyhedrosis virus in 4423
    - and biological control using 1482, 2909
    - antigens of 3884, 5218
    - development of 3331
    - effects of 2437, 4892
    - in Arkansas 242
    - in California 5166
    - infectivity of 740
    - persistence of, in soil 2914, 4411
    - propagation of 1181
    - properties of 242
  - on cabbage
    - assessing infestations of 3766
    - in Florida 3766
    - in Georgia (USA) 5143
    - in Mexico 5141
    - in Quebec 1482
    - in South Carolina 5142
    - in Venezuela 2806
  - on cotton
    - in California 5166
    - in Colombia 1928
  - on kale
    - in Alabama 1481
    - in South Carolina 5142
  - on tobacco, in Florida 3962
  - on turnip, in Arkansas 242
  - parasitised by
    - *Apanteles marginiventris* 4232
    - *Chelonus texanus,* in California 5166

- ***Trichoplusia ni*** *contd.*
  - parasitised by *contd.*
    - *Copidosoma truncatellum,* in California 5166
    - *Hyposoter exiguae* 2670
    - *Patrocloides montanus,* in California 5166
    - *Trichogramma evanescens* 4223
    - *T. minutum* 2263
    - *T. pretiosum* 4223
  - preyed on by
    - *Chrysopa carnea,* in California 5166
    - *Geocoris pallens,* in California 5166
    - *Labidura riparia,* in Egypt 5061
    - *Nabis americoferus,* in California 5166
    - *Orius tristicolor,* in California 5166
  - scent-brush apparatus in 4068
  - sex pheromone gland in 322
  - sex pheromone of (*see also* 7-Dodecen-1-ol, acetate, (*Z*)-)
    - effects of acclimation on responses to 1579
    - formulations of 2011
    - maximum distance for communication using 2579
    - methods for obtaining 1794
    - perception of 38
    - responses to 3526, 4134
  - sexual isolation of 4132
  - traps for 4656, 5044
  - viruses in, storage of 3898
  - white mutant of 1738
- ***Trichoplusia oxygramma***
  - in USA 4132
  - sexual isolation of 4132
- ***Trichosanthes anguina,*** *Dacus cucurbitae* on, development of 2352
- ***Trichospilus,*** parasitising, *Orgyia mixta,* in Angola 2147
- ***Trichospilus diatraeae***
  - in Réunion 5187
  - parasitising
    - *Hedylepta indicata* 5187
    - *Melanitis leda* 5187
    - *Polydesma umbricola,* in Réunion 5187
- ***Trichothecium roseum,*** in, orchard pests, in Lithuania 3948
- ***tricinctus, Closterocerus***
- ***tricolor, Paracinema***
- **Tricosane**
  - in *Melanoplus sanguinipes,* incorporated into wax esters 4204
  - produced by *Heliothis zea,* attractive to *Trichogramma evanescens* 1708
- ***tricostata, Eleodes***
- **Tridactyloidea,** in Nigeria 3634
- ***Tridax procumbens,*** *Phalanta phalantha* on, in Nigeria 4389
- **2,6-Tridecadienoic acid, 7-ethyl-10,11-dihydroxy-3,11-dimethyl-**
  - in insects, metabolite of cecropia C_{18} hormone 3473
  - methyl ester, in insects, metabolite of cecropia C_{18} hormone 3473
- **2-Tridecenoic acid, 7-ethyl-6,7,10,11-tetrahydroxy-3,11-dimethyl-,** in insects, metabolite of cecropia C_{18} hormone 3473
- ***Trieces,*** taxonomy of 4541
- ***Trieces dinianae***
  - sp. n., description of 4541
  - parasitising, *Zeiraphera diniana* 4541
- ***Trieces rufimitranae***
  - sp. n., description of 4541
  - parasitising, *Zeiraphera rufimitrana* 4541
- ***Trieces tricarinatus***
  - parasitising
    - *Choristoneura murinana* 4541
    - *Yponomeuta padellus* 4541
  - taxonomy of, transferred from *Chorinaeus* 4541
- **Triethanolamine** (*see* Ethanol, 2,2′,2″-nitrilotris-)
- ***trifasciata, Desantisella***
- ***trifoliearum, Liriomyza***
- ***trifolii, Apion***
- ***trifolii, Coleophora***
- ***trifolii, Discestra,*** (*Mamestra*)
- ***trifolii, Liriomyza***
- ***trifolii, Therioaphis***
- ***Trifolium***
  - *Acyrthosiphon pisum* on, in Bulgaria 1916
  - *Cynthia cardui* on, development of 4190
  - *Discestra trifolii* on, in Bulgaria 3094
  - pea enation virus in, infectivity of 4330
  - *Plathypena scabra* on, in Iowa 148
  - *Sitona* spp. on, in UK 4396
  - *Spodoptera littoralis* on, in Egypt 645, 648, 1072, 3804
- ***Trifolium alexandrinum***
  - *Agrotis ipsilon* on, in Egypt 5106
  - *Chrotogonus trachypterus* on 4680
  - insecticides in, effects on nodule formation of 4014
  - *Spodoptera littoralis* on, in Egypt 1882, 4764
- ***Trifolium fragiferum***
  - *Coleophora spissicornis* on, in New Zealand 1808
  - *C. trifolii* on, in New Zealand 1808
- ***Trifolium hybridum***
  - *Acyrthosiphon pisum* on, resistance to 5238
  - *Macrosteles fascifrons* on, in Washington 1323
- ***Trifolium incarnatum***
  - bean leaf-roll virus in, symptoms of 4865
  - *Liriomyza trifoliearum* on, in Florida 2960

***Trifolium incarnatum* contd.**
  pea leaf-roll virus in, aphid transmission of 4789
Trifolium pratense
  Acyrthosiphon pisum on
    in UK 4865
    resistance to 1593–1594
  Apion spp. on, in West Germany 197
  A. apricans on
    in France 3714
    in USSR 535
  A. trifolii on, in France 3714
  Hylastes obscurus on 1445
  Lygus lineolaris on 5104
  Macrosteles fascifrons on, in Washington 1323
  Sitona spp. on, in West Germany 197
Trifolium repens
  Acyrthosiphon pisum on
    development of 4763
    in UK 4865
    resistance to 5238
  Coleophora frischella on, in Tasmania 2307
  C. spissicornis on, in New Zealand 1808
  C. trifolii on, in New Zealand 1808
  fensulfothion in, uptake of 3706
  Frankliniella intonsa on, in South Korea 993
  Heliothis punctigera on, in Tasmania 2307
  Liriomyza trifoliearum on, in Florida 2960
  Macrosteles fascifrons on, in Washington 1323
  Popillia japonica on, rearing of 4660
***Trifolium stellatum*, *Messor barbarus* on,** harvesting seed 98
Trifolium subterraneum
  aldrin in, metabolism of 1229
  Aphis craccivora on, in Australia 3532
  subterranean clover stunt virus in, in Australia 3532
trifurcata, Cerotoma
***Trigonella*,** pea enation mosaic virus in, infectivity of 4330
***Trigonogenius globulus*,** in dried forage, development of 3864
***Trigonoscelis*,** parasitised by, Sarcophagidae, in Turkmenia 996
trigonus, Cletus
trilineata, Hyperaspis
trilineata, Lema
Trilobia aphidisuga 1667
Trilobiella siphae 1667
trilobitiformis, Pseudaonidia
***Trilophidia conturbata*,** in Sudan 981
trima, Darna
Trimedlure (1,1-dimethylethyl 4(or 5)-chloro-2-methylcyclohexanecarboxylate)
  attractant for, *Ceratitis capitata* 158, 3751, 3917, 4671, 4778
Trinervitermes trinervoides
  enzymes in 2274, 4727
  trail pheromone in 3139
trinervoides, Trinervitermes
Trinidad and Tobago
  Acromyrmex octospinosus in 2244–2246
  Aeneolamia postica in, on sugar-cane 1030
  A. varia in, on sugar-cane 1030
  Atta cephalotes in 2244–2246
  Blissus leucopterus in, in lawns 143
  Chavesia trinidadensis in, on cacao 3435
  Diatraea spp. in 2284
  Hypsipyla ferrealis in, on *Carapa guianensis* 3267
  Sibine spp. in
    on coconut 4285
    on *Elaeis guineënsis* 4285
trinidadensis, Chavesia
Triona oil (*see* Oil emulsions)
triops, Neoconocephalus
***Trioxys*,** embryonic development in 871
Trioxys chaetosiphonis
  sp. n., description of 1255
  in France 1255
***Trioxys complanatus*,** embryonic development in 1281
Trioxys nearctaphidis
  in USA 1255
  parasitising, *Anuraphis bakeri*, in USA 1255
Trioxys pallidus
  embryonic development in 1281
  in Iran 1455
  parasitising, *Chromaphis juglandicola*, and biological control using, in California 1455
Trioxys tanaceticola
  sp. n., description of 1255
  in France 1255
Trioza alacris
  descriptions of 4074
  in France 4074
  on *Laurus nobilis*, in France 4074
Trioza anna
  sp. n., description of 3429
  in USSR 3429
  on *Achillea ptarmicifolia*, in Georgia (USSR) 3429
***Trioza apicalis*,** on carrot, damage caused by 4870
Trioza chevsurethi
  sp. n., description of 3429
  on *Achillea ptarmicifolia*, in Georgia (USSR) 3429
Trioza erytreae
  biology of 3257
  Citrus greening disease, causal agent in, transmission of 3210
  hyperparasitised by, *Aphidencyrtus cassatus*, in Rhodesia 3257
  in Réunion 1905

Trioza erytreae *contd.*
  in Rhodesia 999, 3257
  in South Africa 179, 999
  mortality in, effects of climate on 179
  on *Citrus*
    in Réunion 1905
    in Rhodesia 999, 3257
    in South Africa 179, 999
  parasitised by
    Aphidencyrtus cassatus
      in Rhodesia 999
      in South Africa 999
    Psyllaephagus pulvinatus, in Rhodesia 3257
    Tetrastichus spp., in Rhodesia 3257
Trioza nigricornis
  in Romania 1128
  on potato, in Romania 1128
Triparanol (*see* Benzeneethanol, 4-chloro-α-[4-[2-(diethylamino)ethoxy]phenyl]-α-(4-methylphenyl)-)
Triplochiton scleroxylon
  Diclidophlebia eastopi on, in Nigeria 5181
  D. harrisoni on, in Nigeria 5181
Triplosporium floridanum
  biology of 2002
  in
    Tetranychus cinnabarinus, in Israel 2002
    T. urticae, in Israel 2002
Tripolite, in insecticidal dusts 2935
Trirhabda adela, control of, insecticides for 2483
Trirhabda bacharidis, on *Baccharis halimifolia,* and biological control using, in Queensland 2701
Trischnaspis
  gen. n., description of 4993
  taxonomy of
    characters distinguishing *Ischnaspis* and 4993
    characters distinguishing *Parischnaspis* and 4993
Trischnaspis bipindensis, taxonomy of, transferred from *Ischnaspis* 4993
Trisetacus floridanus
  in USA 4148
  on *Pinus clausa,* in Florida 4148
  on *Pinus elliottii,* in Florida 4148
  on *Pinus glabra,* in Florida 4148
Trisetacus quadrisetus juniperinus
  control of, acaricides for 2589
  descriptions of 2589
  in USA 2589
  on *Cedrus,* in Florida 2589
  on *Juniperus silicicola,* in Florida 2589
  on *Juniperus virginiana,* in Florida 2589
Trissolcus
  parasitising
    Aelia spp., in Morocco 2722
    Eurygaster spp., in Romania 4705
Trissolcus grandis
  in Turkey 4485
  parasitising
    Eurygaster spp., in Turkey 4485
    E. integriceps 3658
  trichlorphon in, toxicity of 3658
Trissolcus reticulatus
  in Turkey 4485
  parasitising, *Eurygaster* spp., in Turkey 4485
Trissolcus semistriatus
  in Hungary 3644
  in Iran 1035
  parasitising
    Eurygaster spp., in Hungary 3644
    E. integriceps, in Iran 1035
Trissolcus vassiliewi
  in Turkey 4485
  parasitising, *Eurygaster* spp., in Turkey 4485
tristicolor, Orius
tristis, Bruchus
tristis, Perilampus
tristis, Pygaera anastomosis
Trithion (*see* Carbophenothion)
tritici, Frankliniella
tritici, Haplothrips
Triticum aestivum (see Wheat)
Triticum durum (see Wheat)
Tritium, in *Acheta domesticus,* uptake and elimination of 3114
Triton X 100, surfactant for, benomyl formulations 4000
Tritox (*see* BHC (γ-isomer), with DDT, and methoxy-DDT)
trivittata, Lema trilineata
Troctes, in medicinal herbs, in Poland 727
Trogoderma glabrum
  compound eyes in, spectral responses of 5032
  cross-mating in, with, *Trogoderma inclusum* 35
  larval growth and retrogression in 2112, 2526
  mating receptivity in, diel variation in 2160
  Mattesia trogodermae in
    development of 4890
    pathogenicity of 4890
  sex pheromone localisation in 29
  sex pheromone of, diel variation in responsiveness to 2160
Trogoderma granarium
  biology of 229
  chemoreceptors in, effects of γ-irradiation on 896
  control of 229
    insecticides for 2886
    low pressures for 4405
  development in, effects of juvenile hormone analogues on 1730
  diapause in 360, 3023

Trogoderma granarium *contd.*
  enzymes in 333
  glycogen in, during development 2136
  in Taiwan 229
  in Turkey 2409
  in UK 4858
  in maltings, in UK 4858
  in pulses, development of 1551
  in stored wheat, varietal preferences of 3859
  lipids in, during development 2136
  mating competitiveness in, effects of γ-irradiation on 896
  nutrition of 2545
  ovarian development in, effects of chemosterilants on 1312
  oxirane susceptibility in, effects of nutrition on 2877
  phosphine susceptibility in, effects of diet on 1976
  preyed on by
    Acaropsis docta 1834, 2660
    Melichares keegani 4862
Trogoderma granarium afrum, biology of 3856
Trogoderma grassmani, sex pheromone localisation in 29
Trogoderma inclusum
  control of, juvenile hormone analogues for 2873
  cross-mating in, with, *Trogoderma glabrum* 35
  development in, effects of lasers on 250
  in *Hibiscus cannabinus* seeds 2425
  mating receptivity in, diel variation in 2160
  population dynamics of 4636
  sex pheromone localisation in 29
  sex pheromone of
    diel variation in responsiveness to 2160
    habituation to 65
Trogoderma irroratum, biology of 3856
Trogoderma khapra (see *T. granarium*)
Trogoderma parabile (see *T. variabile*)
Trogoderma simplex, sex pheromone localisation in 29
Trogoderma sternale, sex pheromone localisation in 29
Trogoderma variabile
  control of
    antifeedants for 2874
    food additives for 4514
    juvenile hormone analogues for 2873
  development in, effects of lasers on 250
  eggs of, effects of sorbic acid on 268
  population dynamics of 4636
  sex pheromone localisation in 29
Trogophloeus corticinus
  flight activity in 376
  in Egypt 376
Trogossitidae, in Afghanistan 394
Troilus luridus
  in USSR 3947
  preying on, *Pristiphora abietina,* in Lithuania 3947
Trolene (*see* Fenchlorphos)
Tropital (*see* 1,3-Benzodioxole, 5-[bis[2-(2-butoxyethoxy)ethoxy]methyl]-) 2489
truncata, Erythroneura
truncata, Physocephala
truncatellum, Copidosoma
truncatulus, Hypolixus
truncatus, Pericoptus
truncatus, Prostephanus
truncipennis, Chrysocharis
truncorum, Formica
Truxalis, in Sudan 981
Truxalis grandis, in Sudan 981
tryoni, Dacus, (*Strumeta*)
tryoni, Opius
Trypetidae
  collection of 4184
  preparation of 4184
  rearing of, techniques for 4184
Tryphonini, in USSR 847
Trypodendron domesticum
  fungi associated with, in West Germany 2394
  in West Germany 2394
  on *Fagus sylvatica,* in West Germany 2394
Trypodendron lineatum
  aggregation in 1731
  attractants for 5199
  biology of 3827
  emergence in 3509
  in Canada 1731, 3509, 5199
  in USSR 3827
  in West Germany 710
  mating activity in, effects of JH mimics on 890
  on *Picea*
    in West Germany 710
    relation of water content and 710
  on *Pseudotsuga menziesii,* in British Columbia 1731, 3509
  orientation in 3509
  pheromone mask in 3287
Tryporyza incertulas
  biology of 4264
  control of 1872
    insecticides for 524, 1426, 3697, 3701, 4269, 5243
  in Bangladesh 3697
  in Burma 135
  in Egypt 1422–1424, 1449, 4269
  in India 138, 2738, 4264
  in Indonesia 1426, 3701
  in Pakistan 4270
  in Philippines 524, 1872
  on rice 4262
    damage caused by 1422

Tryporyza incertulas *contd.*
  on rice *contd.*
    effects of fertilisers on 1423
    in Bangladesh 3697
    in Burma 135
    in Egypt 1422–1424, 1449, 4269
    in India 138, 4264
    in Indonesia 3701
    in Java 1426
    in Kerala 2738
    in Pakistan 4270
    in Philippines 524, 1872
    resistance to 1424, 4260
  rearing of, techniques for 2207
  seasonal abundance of 2738
Tryporyza innotata
  control of, insecticides for 1426
  in Indonesia 1426
  in Pakistan 4270
  on rice 4262
    in Java 1426
    in Pakistan 4270
    resistance to 4260
Tryporyza monostigma (see *Scirpophaga excerptalis*)
Trypsin, in *Antheraea mylitta* 4571
L-tryptophan
  in *Anthonomus grandis* diet, requirement for 3558
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in insects, ommochrome synthesis from 3461
  in *Scirpophaga nivella,* dietary requirement for 3000
tscheki, Alloxysta, (*Charips*)
tschirchi, Coccophagus
tsuboii, Dorilas
Tsuga, *Dioryctria reniculelloides* on, in North America 2511
Tsuga canadensis, *Epinotia tedella* on, development of 5191
tsugae, Neodiprion
Tsumacide (*see* Carbamic acid, methyl-, 3-methylphenyl ester) 2472
tubercularis, Aulacaspis
tuberculata, Myzocallis
tuberculatus, Eumerus
Tuberculobruchus, on *Cicer arietinum,* in India 5147
tuberis, Epitrix
Tuberolachnus salignus
  honeydew production in 4637
  in UK 4637
  on *Salix alba,* in England 4637
Tuberose (see *Polianthes tuberosa*)
***d*-Tubocurarine,** in *Locusta migratoria,* reducing wing-beat frequency 4200
Tuckerella, keys to 2980
Tuckerella ablutus
  sp. n., description of 2980
Tuckerella ablutus *contd.*
  in Pakistan 2980
  in stored wheat, in Pakistan 2980
Tuckerella equalis
  sp. n., description of 2980
  in Pakistan 2980
  on *Thuja orientalis,* in Pakistan 2980
Tuckerella murreensis
  sp. n., description of 2980
  in Pakistan 2980
  on *Flacourtia indica,* in Pakistan 2980
Tuckerella saetula
  sp. n., description of 2980
  in Pakistan 2980
  on *Cupressus sempervirens,* in Pakistan 2980
Tulip, *Myzus persicae* on, virus transmission by 5215
Tulip bud necrosis 3307
Tulip (stored bulbs)
  Fusarium oxysporum in, effects of 3307
  Rhizoglyphus echinopus in, damage caused by 3307
  Tyrophagus spp. in, damage caused by 3307
tulipae, Aceria
Tumeochrysa indica
  in Pakistan 2674
  preying on, *Adelges* spp., in Pakistan 2674
tumidus, Tetranychus
tunetanus, Agrothereutes
Tungro virus (*see* Rice tungro virus)
Tunisia
  Ips erosus in, on *Pinus* 4835
  Phoracantha semipunctata in, on *Eucalyptus* 3276
turanica, Blastothrix britannica
turanica, Phyllonorycter, (*Lithocolletis*)
turanicus, Rhodococcus
Turanogryllus lateralis
  calling signal of 3510
  in USSR 3510
turbatus, Ceutorhynchus
turbida, Ornithacris
turca, Otiorhynchus
Turf
  Crambinae in, in USA 1439
  Curculionidae in, in USA 1438
  insect pests of, in Tasmania 1878
  Scarabaeidae in, in USA 1438
Turf ecosystem
  effects of pesticides on 1436
  regulation of pesticide use in 1440
Turingin (see *Bacillus thuringiensis*)
turionellae, Pimpla, (*Coccygomimus*)
turkestani, Tetranychus
Turkey
  Aceria sheldoni in, on lemon 4476
  Acyrthosiphon gossypii in, on cotton 3808
  Aelia rostrata in 4440

Turkey *contd.*
  Agriotes spp. in 4443
  Agrotis spp. in 4443
    on potato 4447
  A. ipsilon in, on *Capsicum annuum* 4448
  aphids in, on tomato 4445
  Aphis spp. in, on *Capsicum* 4442
  A. gossypii in 4443
  Bruchidae in 4486
  Chloropulvinaria floccifera in, on tea 4366, 4484
  Coccinellidae in 4723
  Coccoidea in 4459
  Curculio nucum in 4479
  Dacus oleae in, on olive 4478
  Empoasca spp. in 4443
  Ephestia figulilella in, on grape vine 3718
  Eulecanium spp. in, on *Rosa damascena* 2699
  Euphyllura olivina in, on olive 4477
  Eupteryx spp. in, on hazel 4289
  Eurygaster spp. in, natural enemies of 4485
  E. austriaca in 4438
  E. integriceps in 4438
    on wheat 4439
  E. maura in 4438
  grape vine in, pests of 4469–4470
  Gryllotalpa gryllotalpa in 4443
  Heliothis spp. in 4443
  Hoplocampa spp. in, on pear 4466
  Hylemya antiqua in 4444
  H. platura in 4444
  Idiocerus stali in, on *Pistacia vera* 4482, 5120
  insect pests in 3117
  Lepidosaphes ulmi in 4459, 4462
  Lethrus brachiicollis in, on *Helianthus annuus* 2364
  Lobesia botrana in, on grape vine 3718, 4473
  Mikomyia coryli in
    natural enemies of 5119
    on hazel 5119
  mite pests in 3117
  Muscina assimilis in 4444
  Myzocallis coryli in, on hazel 4289
  Myzus persicae in 4443
    on tobacco 4457
  Pachytychius hordei in, on wheat 4437
  Parametriotes theae in, on tea 4483
  Parlatoria blanchardii in, on date palm 5113
  Parthenolecanium corni in 4459
  Pectinophora gossypiella in, on cotton 4451–4452
  Phylus coryli in, on hazel 4289
  Pieris brassicae in 4443
  Pimpinella anisum in, pests of 4458
  Pinus in, pests of 667
  Pistacia vera in, pests of 4480
Turkey *contd.*
  Planococcus citri in, on grape vine 4471
  Polyphylla spp. in, on potato 4447
  Psila rosae in 4444
  Quadraspidiotus perniciosus in 2323, 4459–4460, 5232
    on apple 4461
  Spodoptera littoralis in 4449–4450
  stored grain in, pests of 2409
  stored maize in, pests of 4487
  stored rice in, pests of 4488
  stored tobacco in, pests of 4494
  Subcoccinella vigintiquattuorpunctata in 5037
  Tetranychus spp. in, on cotton 953
  T. cinnabarinus in, on cotton 4453–4454
  T. turkestani in, on cotton 4453
  T. urticae in 4443
    on cotton 4453, 4455
  T. viennensis in, on fruit trees 4468
  Thaumetopoea solitaria in, on *Pistacia vera* 4481
  vegetables in, parathion residues in 2954
  Yponomeuta padellus in 4465
turkmenicus, Sclerodermus
turneri, Exitianus
Turnip (*Brassica campestris* subsp. *rapifera*)
  Hylemya brassicae on
    in France 3778, 4500
    in Wisconsin 1498
  H. floralis on, in Norway 2573
  Murgantia histrionica on, in North Carolina 4785
  Myzus persicae on, virus transmission by 5216
  Trichoplusia ni on, in Arkansas 242
Turnip mosaic virus, vectors of 3306
Turnip yellow mosaic virus
  in
    Mamestra brassicae, transmission of 3867
    Phyllotreta nemorum, transmission of 3867
    P. undulata, transmission of 3867
    Pieris brassicae, transmission of 3867
turrialbensis, Lorryia
turrita, Vibrissina
Tussilago farfara, outbreaks of *Anthonomus pomorum* on apple related to flowering of 3734
tutillus, Crambus
Tween 80
  diet component for
    Dacus oleae 5047
    Epiphyas postvittana 4663
Tychius
  control of, insecticides for 3708
  on lucerne, in France 3708
Tychius flavus
  in USSR 147
  on lucerne, in USSR 147
Tydeus californicus, in Egypt 1891, 2789

Tydeus goetzi
  descriptions of 5116
  in West Germany 5116
  preying on
    Calepitrimerus vitis, in West Germany 5116
    Eriophyes vitis, in West Germany 5116
Tylenchorhynchus, control of, nematicides for 5243
Tylococcus chrysocomae, taxonomy of, transferred to *Oxyacanthus* 305
Typhaea stercorea
  in Australia 2888
  in India 1875
  on sorghum, in Uttar Pradesh 1875
Typhlocyba maculifrons (see *Zygina*)
Typhlocyba pomaria
  control of, insecticides for 1899
  in USA 1899
  on apple, in Pennsylvania 1899
Typhlocyba quercus
  in Italy 2318
  on hazel, in Italy 2318
Typhlocybinae, in Bangladesh 4049
Typhlodromalus peregrinus (see *Amblyseius*)
Typhlodromina subtropica (see *Typhlodromus*)
Typhlodromips simplicissimus (see *Amblyseius*)
Typhlodromus, in Egypt 848
Typhlodromus barkeri (see also *Amblyseius barkeri*)
  in West Germany 1828
Typhlodromus finlandicus (see *Amblyseius*)
Typhlodromus floridanus
  biology of 187
  in USA 187
Typhlodromus lootsi
  sp. n., description of 309
  in South Africa 309
Typhlodromus masseei, in Netherlands 1080
Typhlodromus occidentalis (see *Metaseiulus*)
Typhlodromus potentillae (see also *Amblyseius potentillae*)
  feeding in 955
  in Netherlands 1080
Typhlodromus pyri
  azinphos-methyl resistance in 2779
  biology of 1833
  feeding in 955
  in Egypt 1833
  in Netherlands 1080
  preying on
    Panonychus ulmi, and biological control using, in New Zealand 2779
    Tetranychus cucurbitacearum 1833
Typhlodromus sinensis (see *Amblyseius*)
Typhlodromus subtropica
  biology of 187
  in USA 187
Typhlodromus tetramedius
  sp.n., description of 4
  in Egypt 4
  in citrus groves, in Egypt 4
Typhlodromus tiliarum
  in East Germany 1087
  in Netherlands 1080
typica, Pseudodoniella
typographus, Ips
tyrannus, Adris
Tyria jacobaeae
  in New Zealand 4239
  on *Senecio jacobaea,* in New Zealand 4239
Tyroglyphus longior (see *Tyrophagus*)
Tyroglyphus putrescentiae (see *Tyrophagus*)
Tyrophagus, in tulip bulbs, damage caused by 3307
Tyrophagus longior
  in Taiwan 1180
  in sugar, in Taiwan 1180
Tyrophagus putrescentiae
  control of, acaricides for 1606, 1977
  critical equilibrium activity in 330
  development in
    effects of food on 965
    effects of medicinal herb extracts on 967
  energy budget of 969
  feeding behaviour in 978
  in Poland 727
  in Taiwan 1180
  in USSR 3863
  in West Germany 1828
  in cotton seed
    effects on oil content of 3863
    in Uzbekistan 3863
  in medicinal herbs, in Poland 727
  in sugar, in Taiwan 1180
  olfactory responses in 971
  orientation in 971
Tyrosinase (*see* Oxygenase, monophenol mono-)
L-tyrosine
  diet component for, *Myzus persicae* 349
  in *Anthonomus grandis,* not able to replace dietary phenylalanine 3558
  in *Aphis fabae,* dietary requirement for 2988
  in *Aulacorthum circumflexum,* dependence of parasite encapsulation on 1751, 3511
  in cabbage
    increased by fenitrothion sprays 3768
    reduced by carbaryl sprays 3768
  in *Dysdercus fasciatus,* dietary requirement for 3001
  in *Gilpinia hercyniae,* effects of viruses on 26
  in *Lambdina fiscellaria,* effects of viruses on 26

L-tyrosine *contd.*
- in *Picea abies,* effects on mite infestations of 1960
- in *Pieris brassicae* haemolymph, during moulting cycle 4084
- in *Scirpophaga nivella,* dietary requirement for 3000
- in *Wiseana* eggs, relation of colour development and 4107

Tytthus mundulus
- in Australia 5080
- preying on, *Perkinsiella saccharicida* 5080

U-27415 (*see* Benzenecarbohydrazonyl chloride, *N*-(2,4,6-trichlorophenyl)-) 278

ubiquitus, Pronematus

UC no. 1 sticker, with methyl-parathion 1934

UC-21149 (*see* Aldicarb)

UC-34096 (*see* Methanimidamide, *N,N*-dimethyl-*N'*-[2-methyl-4-[[(methylamino)carbonyl]oxy]phenyl]-) 1041

UC-41305 (*see* Propanoic acid, 2,2-dimethyl-, 3-oxo-2-(2,4,6-trimethylphenyl)-3*H*-inden-1-yl ester) 270

Udinia, taxonomy of 4991

Uganda
- *Atherigona* spp. in, on sorghum 4756
- *Exitianus centralis* in 2736
- *Gascardia destructor* in
  - natural enemies of 4064
  - on *Citrus* 4064
- *Mononychellus tanajoa* in, on *Manihot esculenta* 4803
- *Polyphagotarsonemus latus* in, on *Passiflora edulis* 4315
- sugar-cane in, pests of 1403
- *Taylorilygus vosseleri* in, on cotton 639

Ulex europaeus, *Lampides boeticus* on, in New Zealand 4697

ulicis, Bruchus

ulmi, Lepidosaphes

ulmi, Panonychus, (*Metatetranychus*)

ulmicola, Aceria, (*Eriophyes*)

Ulmus
- Cicadellidae on, in USA 3842
- *Euproctis chrysorrhoea* on, in France 565
- Fulgoridae on, in USA 3842
- *Phellopsis amurensis* on, in Maritime USSR 1540
- *Scolytus multistriatus* on, in Ontario 5198

Ulmus campestris, *Aceria ulmicola* on, galls of 4388

Ulmus parvifolia, *Chalioides kondonis* on, in Japan 1097

Ulmus thomasii **(timber)**
- *Ceratocystis ulmi* in, imported into UK 2392
- *Hylastes rufipes* in, imported into UK 2392

Ulopinae, in Ethiopia 1258

ultimus, Agrothereutes, (*Gambrus*)

Ultracid (*see* Methidathion)

ulula, Dyspessa

ulysses, Xylotrupes gideon

umbratus, Lasius

umbricola, Polydesma

umbrosana, Argyroploce

Unaspis citri
- control of, insecticides for 4310, 5132
- in Venezuela 4310, 5132
- on *Citrus*
  - damage caused by 4310
  - in Venezuela 4310, 5132

Unaspis yanonensis
- control of 756
- in France 3747
- in Japan 768
- on *Citrus*
  - damage caused by 3747
  - in France 3747
- parasitised by, *Aspidiotiphagus citrinus,* in France 3747

Uncinula necator, control of, vineyard sprayers for 2600

Uncinulella eriosomiperda 1667

undalis, Hellula, (*Oebia*)

undata, Anadiasa

undatus, Semanotus

1-Undecanol, 11-chloro-, acetate, synergist for, *Adoxophyes orana* sex pheromone 3476

1-Undecanol, 11-ethoxy-, acetate, inhibiter of *Adoxophyes orana* response to sex pheromone 3476

1-Undecanol, 11-methoxy-, acetate, inhibiter of *Adoxophyes orana* response to sex pheromone 3476

1-Undecanol, 11-propoxy-, acetate, inhibiter of *Adoxophyes orana* response to sex pheromone 3476

undecimnotata, Semiadalia, (*Adonia*)

undecimpunctata, Coccinella

undecimpunctata, Diabrotica

undecimpustulatus, Myllocerus

Unden (*see* Propoxur)

Undulambia polystichalis
- control of, insecticides for 1146
- in USA 1146
- on *Polystichum adiantiforme,* in Florida 1146

undulata, Phyllotreta

unica, Graphania, (*Leucania*)

unica, Heydenia

unicolor, Canephora, (*Pachythelia*)

unifasciatus, Rhopaloscelis

uniformis, Podagrica

iformis, Sesamia
ion of Soviet Socialist Republics
Abgrallaspis cyanophylli in, on tea 657
Abraxas grossulariata in, natural enemies of 3950
Acantholyda pinivora in, on *Pinus* 699
Acaridae in 968, 970
Acyrthosiphon gossypii in, on cotton 3808
A. pisum in, natural enemies of 3881
agricultural pests in 3586
Agriotes spp. in 3434
Agromyza oryzae in, on rice 2731
Agrotis segetum in
  natural enemies of 994, 1830
  on cotton 1831, 4811, 5088, 5159, 5162–5163
  on maize 4744, 5088
Aleyrodidae in, natural enemies of 457, 997
Ambrosia artemisiifolia in, *Tarachidia candefacta* for biological control of 1026
Ametastegia glabrata in, on apple 169
Anarsia lineatella in 4300
Anthrax polystigma in 2627
Antispila rivillei in, on grape vine 5117
Apamea anceps in, on wheat 4930
aphids in 2611–2614
  natural enemies of 3077, 5254
Aphis fabae in, on sugar-beet 623
Aphytis spp. in 3430
Apion apricans in, on *Trifolium* 535
Apis mellifera in, natural enemies of 5060
Aporia crataegi in
  natural enemies of 3954
  on apple 171
Archips rosanus in 3949
  natural enemies of 3950
Argyresthia spp. in, on apple 5123
A. conjugella in
  natural enemies of 3944
  on apple 561, 3944
Auchenorrhyncha in 2617–2618
Autographa circumflexa in
  on bean 4784
  on grain crops 4784
Betula in, pests of 2855
biological control in 1883
Blepharoceridae in 3530
Bothynoderes foveicollis in, on sugar-beet 4342
Brachyderinae in 2620
Braconidae in 3939–3940
Buprestidae in 4394
cabbage in, pests of 598
Calepitrimerus spp. in, on *Diospyros kaki* 574
Carabidae in 3071
Carposina sasakii in, on pear 5123
Cassida nebulosa in, on sugar-beet 4342

Union of Soviet Socialist Republics *contd.*
Cecidomyiidi in 3282
Cerambycidae in 4394
Chaetocnema breviuscula in, on sugar-beet 4342
C. heikertingeri in, on sugar-beet 4342
Chalcidoidea in 3941
Chionaspis salicis in, natural enemies of 3430
Chironomus spp. in, on rice 3694
Chloropidae in 4758
Chloropulvinaria floccifera in, on tea 657
Chromoderus fasciatus in, on sugar-beet 4342
Chrysomela lapponica in
  natural enemies of 3663
  on *Salix* 3663
Chrysomelidae in 3545
Chrysopa spp. 4046
Chrysopidae in 2770
Cinara juniperina in
  natural enemies of 5177
  on *Juniperus* 5177
C. pseudosabinae in
  natural enemies of 5177
  on *Juniperus* 5177
Coccidae in 2615
  natural enemies of 457, 997
  on grasses 4279
Coccinellidae in 1000
Coleoptera in 3955
  natural enemies of 2622
Cossidae in 664
cotton in, pests of 5156
Craspedolepta armazhi in, on *Artemisia* 2966
C. georgica in, on *Artemisia* 2966
crickets in 3510
Cryptocephalus spp. in 2619
Cydia funebrana in, on plum 175, 569, 5123
C. inopinata in, on apple 5123
C. molesta in, on peach 3080
C. pomonella in
  natural enemies of 3189, 4770
  on apple 3189, 4291, 4770, 5123
C. pyrivora in, on pear 3737
deciduous trees in, seed pests of 223
Dendroctonus micans in
  natural enemies of 3830
  on *Picea* 3830, 5178
Dendrolimus superans in, natural enemies of 1151
Deuterophlebiidae in 3530
Dicerura iridis in 3953
Dioryctria laricicola in, on *Larix* 4372
Discestra trifolii in, on lucerne 1831
Elateridae in 3072
Enarmonia formosana in 4769
Ephydra macellaria in, on rice 3694
Erannis jacobsoni in, on *Larix* 3281
Eriosoma lanigerum in, on apple 168

Union of Soviet Socialist Republics *contd.*
  Eucosmini in 4048
  Eulecanium bituberculatum in 5121
  E. prunastri in 4299
  Euproctis similis in, on *Betula* 4375
  Eurygaster integriceps in
    natural enemies of 1644, 2019
    on wheat 1644, 2019, 2288, 4249, 4930
  Eyprepocnemis plorans in 2638
  forest pests in 1541, 2853, 3586
    natural enemies of 1183
  Formica nigricans in 2217
  F. polyctena in 103, 3942
  F. rufa in 3942
  fruit mites in, natural enemies of 3083
  garlic in, pests of 1130
  Gelechia magnetella in, on Malvaceae 3805
  Geometridae in, natural enemies of 5254
  grape vine in, pests of 3081
  grasshoppers in 1657
  Hadena sordida in
    natural enemies of 5085
    on wheat 1404, 5085
  Haplothrips tritici in, on wheat 3158
  Heliothis armigera in 4613, 4631, 5024
    on bean 4784
    on cabbage 3224
    on cotton 1831, 4611, 4811, 4918, 4930, 5157–5159, 5161
    on grain crops 4784
    on maize 4611, 5018
    on tomato 5158
  H. viriplaca in, on lucerne 1831
  Heteroptera in 2623
  Homaloplia svanetica in
    on hazel 2967
    on *Quercus* 2967
  Homocoryphus nitidulus in, on rice 5097
  honey bees in 1220
    natural enemies of 473, 2659
  Hydrellia griseola in, on rice 2731, 3694
  Hymenoptera in 3657, 3828
  Hyperaspini in 2621
  Hyphantria cunea in 1654
  Ichneumonidae in 1260
  insect common names in 5228
  insect conservation in 2212–2213, 2216, 2222
  integrated control in 3921
  Ips spp. in 3827
  Kermococcus quercus in, natural enemies of 4700–4701
  Larix sibirica in, pests of 4372
  Laspeyresiini in 4048
  Leptinotarsa decemlineata in, on potato 3952, 3956, 5005
  locusts in 1657
  lucerne in, seed pests of 147
  Lymantria dispar in
    natural enemies of 3134

Union of Soviet Socialist Republics *contd.*
  Lymantria dispar in *contd.*
    on *Betula* 4375
  Macrotoma scutellaris in 2854
  Malacosoma neustria in, natural enemies of 3945
  Mamestra brassicae in
    on cabbage 5139
    on sugar-beet 4930
  Mayetiola destructor in, natural enemies of 108
  Nematus ribesii in 3949
    natural enemies of 3950
  Neodiprion sertifer in 218
  Noctuidae in 51, 54, 2256
  Numonia pirivorella in, on pear 5123
  Odonaspis secreta in
    natural enemies of 1530
    on bamboo 1530
  onion in, pests of 1130
  orchard pests in 1376
    natural enemies of 3943, 3948
  orchards in, beneficial insects in 2211
  Orgyia antiqua in, on *Larix* 3281
  Oryzaephilus surinamensis in 4403
  Ostrinia nubilalis in, on maize 2015
  Panonychus ulmi in, on apple 1091
  Papaver somniferum in, pests of 2702
  Parametriotes theae in, on tea 5173
  Parlatoria blanchardii in, on date palm 5113
  Pegomya betae in, on sugar-beet 623, 4342
  pest control in 4930
  Phellopsis amurensis in 1540
  Phytocoptes spp. in, on *Diospyros kaki* 574
  Phytoseiidae in 3084
  Pieris brassicae in, natural enemies of 3954
  P. rapae in
    natural enemies of 3954
    on cabbage 5139
  Planococcus citri in 546
  Plutella xylostella in
    natural enemies of 3954
    on cabbage 5139
  Polyphylla irrorata in 1023
  Porphyrophora hamelii in 2220
  Pristiphora abietina in, natural enemies of 3947
  Pseudococcidae in 298
  Psylla loginovae in, on *Salix* 2502
  P. melanoneura in, on apple 3730
  P. subklapaleki in, on *Salix* 2502
  P. vasilievi in, on pear 3074
  Psylliodes cupreatus in, on sugar-beet 4342
  Psylloidea in 2616
  Quadraspidiotus perniciosus in, on apple 3070

ion of Soviet Socialist Republics *contd.*
- *Rhodococcus turanicus* in
  - natural enemies of 572
  - on apricot 572
- Rhopalocera in 2624
- *Rhopaloscelis* spp. in 3829
- *Rhynchites auratus* in, on apple 170
- root-infesting aphids in 1110
- sawflies in 2250, 3073
  - on Rosaceae 548
- Scoliidae in 3079
- Scolytidae in 4394
- *Scrobipalpa ocellatella* in, on sugar-beet 623
- *Sitona puncticollis* in, natural enemies of 1070
- soil insects in 52
- soil pests in 45
- solitary bees in 2210
- Sphecidae in 2626
- *Spilonota prognatha* in, on pear 5123
- *Spodoptera exigua* in
  - natural enemies of 1830
  - on bean 4784
  - on cotton 1831, 5157, 5159
  - on grain crops 4784
- Staphylinidae in 2964
- *Stigmella malella* in
  - natural enemies of 4768
  - on apple 4768
- *Subcoccinella vigintiquattuorpunctata* in, on lucerne 5037
- Tachinidae in 3134
- *Tanymecus dilaticollis* in, on maize 1410
- tea in, insects on 1142
- *Tecaspis asiatica* in, natural enemies of 995
- Telenominae in 4047
- Tenebrionidae in
  - natural enemies of 996
  - on sugar-beet 622
- *Tephrina arenacearia* in
  - natural enemies of 1830
  - on lucerne 1831
- Tetranychidae in 956, 1450
- *Tetranychus urticae* in
  - on cotton 4509, 4811, 5157
  - on cucumber 1914
- *T. viennensis* in, on apple 1085
- *Thaumetopoea processionea* in
  - natural enemies of 3813
  - on *Quercus* 3813
- Tortricidae in 2654
- *Trichogramma* spp. in 3946
- *Trioza anna* in, on *Achillea* 3429
- *T. chevsurethi* in, on *Achillea* 3429
- Tryphonini in 847
- *Trypodendron lineatum* in 3827
- *Tyrophagus putrescentiae* in, in cotton seed 3863
- wood-wasps in 2250, 3073
- woody shrubs in, insect pests of 105

Union of Soviet Socialist Republics *contd.*
- *Xestia c-nigrum* in 4188
- *Xylotrechus grumi* in, natural enemies of 453
- *Yponomeuta padellus* in, natural enemies of 3945
- *Zeiraphera diniana* in, on *Larix* 3814

unionalis, Palpita

***unipuncta, Mythimna,* (*Pseudaletia*)**

unipunctatus, Mesopsocus

unispina, Gryllotalpa

United Kingdom
- *Acarus siro* in 2458
- *Acyrthosiphon dirhodum* in 2287, 3677
  - natural enemies of 1038, 1040, 3133
  - on barley 1040
  - on grain crops 1028
  - on wheat 1038
- *A. festucae* in
  - natural enemies of 1038
  - on grain crops 1028
  - on wheat 1038
- *Agriotes lineatus* in 3105
- *A. obscurus* in 3105
- *A. sputator* in 3105
- *Agrotis exclamationis* in 3218
- *A. segetum* in 3218
- *Alnetoidia alneti* in, on *Tilia* 3136
- *Alsophila aescularia* in 2329
- *Anobium punctatum* in 3300
- *Anomala horticola* in 3106
- *Anthonomus pomorum* in
  - natural enemies of 4297
  - on apple 4297
- aphids in 4186–4187
  - natural enemies of 1667
- *Aphis fabae* in
  - on potato 4347
  - on sugar-beet 1115–1116
  - on *Vicia faba* 1115–1116
- *Apion vorax* in, on bean 4396
- *Athous haemorrhoidalis* in 3105
- *Atomaria linearis* in
  - on beet 1494
  - on spinach 1494
- Auchenorrhyncha in 3522, 3707
- *Aulacorthum solani* in
  - on lettuce 2804
  - on potato 4347
- *Brachycaudus helichrysi* in, on plum 571
- *Cecidophyopsis ribis* in, on black currant 5115
- cereal aphids in, natural enemies of 4929
- *Contarinia pyrivora* in, on pear 4298
- cruciferous crops in, pests of 3221
- *Ctenicera* spp. in 3105
- Cynipoidea in 4996
- *Dasineura pyri* in, on pear 4298
- *Drepanosiphum dixoni* in, on *Acer* 849
- Dutch elm disease in 2392
- *Enaysma* spp. in 2090

United Kingdom *contd.*
Epitrimerus alinae in, on ornamental plants 1533
Erannis defoliaria in 2329
Eriophyes tiliae in, on *Tilia europaea* 4855
Eriosoma lanigerum in, on apple 1897
Eucallipterus tiliae in
natural enemies of 3136, 5069
on *Tilia* 3136, 5069
Euxoa nigricans in 3218
Haplodiplosis equestris in
on barley 5083
on oats 5083
on wheat 5083
Hepialus humuli in 3093
H. lupulinus in 3093
Heteroptera in 3707
Hoplocampa testudinea in, on apple 4294
Hyalopterus pruni in, on plum 571
Hydraecia micacea in, on hops 2280
Hylemya antiqua in 2822
H. brassicae in 3769
on cauliflower 605, 3223
on cruciferous crops 1483
H. coarctata in 4738–4739
natural enemies of 4435
on wheat 1037, 5034
H. platura in 2822
on brussels sprouts 2355
on pea 2355
Lepidosaphes ulmi in, on fruit trees 1451
Leptopterna dolobrata in, on grasses 3041
Macrosiphum avenae in 2287, 3677
natural enemies of 1038, 1040, 3133
on barley 1040
on *Capsella bursa-pastoris* 4733
on grain crops 1028
on wheat 1038
M. euphorbiae in
on lettuce 2804
on potato 4347, 4800
M. fragariae in, on grain crops 1028
Macrosteles ossiannilssoni in, natural enemies of 4720
maltings in, arthropods in 4858
Mayetiola destructor in, on wheat 503
Megastigmus spermotrophus in, on *Pseudotsuga* 2397
Moritziella corticalis in 1167
Myzus ascalonicus in, on lettuce 2804
M. humuli in, on plum 571
M. persicae in 4136
on lettuce 2804
on potato 4347
Nasonovia ribisnigri in, on lettuce 2804
Neophilaenus lineatus in 2177
Noctua pronuba in 3218
Operophtera brumata in 2329
O. fagata in 2329

United Kingdom *contd.*
Oryzaephilus mercator in 3391
O. surinamensis in, in stored grain 2885
Oscinella frit in, on maize 1601
Otiorhynchus spp. in 4195
Panonychus ulmi in 974, 3191, 3193
on apple 564, 5234
on pear 5234
Parthenolecanium corni in, on fruit trees 1451
Pemphigus bursarius in, on lettuce 2804–
Philaenus spumarius in 2177
Phyllobius spp. in, on *Lolium* 2305
Phyllonorycter spp. in
natural enemies of 2090, 3280
on *Fagus* 3280
on *Quercus* 3280
Phylloxeridae in, on *Quercus* 1167
Phytoliriomyza pteridii in, on *Pteridium aquilinum* 858
Phytomyza rufipes in, on calabrese 2344–
Polyphagotarsonemus latus in, on ornamental plants 1533
Psila rosae in 2358
on parsnip 4955
Psyllopsis fraxini in
natural enemies of 4234
on *Fraxinus* 4234
Pulvinaria ribesiae in, on fruit trees 1451
P. vitis in, on fruit trees 1451
Quadraspidiotus ostreaeformis in, on fruit trees 1451
Q. pyri in, on fruit trees 1451
Rhopalosiphum insertum in
on apple 3200
on grain crops 1028
R. maidis in, on grain crops 1028
R. padi in 2287, 3677
on grain crops 1028
Sciaphilus asperatus in, on strawberry 4195
Sciara auripila in, on mushrooms 486
Sitona spp. in 4396
Steneotarsonemus laticeps in 1148
on ornamental plants 1533
stored grain in
pest control in 2880, 2882–2884, 5209
pests of 2881
Tachinidae in 4995
Tarsonemus aculeus in, on *Tilia europaea* 4855
T. pallidus in, on ornamental plants 1533
Tetranychus cinnabarinus in 2635
T. urticae in 2635, 3193
on apple 5234
on chrysanthemum 2848
on pear 5234
on roses 2376
on strawberry 1076
on tomato 4917
Tetrastichus spp. in 1771

- **ited Kingdom** *contd.*
  - extiles in, insect pests of 5206
  - *Tipula paludosa* in 3150
  - Tipulidae in, natural enemies of 4884
  - *Trialeurodes vaporariorum* in
    - on cucumber 4954
    - on poinsettia 4954
    - on tomato 4954
  - *Tuberolachnus salignus* in, on *Salix* 4637
- **ited States of America** (*see also* individual States)
  - *Acrobasis vaccinii* in, on cranberry 152
  - *Ambrosia artemisiifolia* in, biological control of 3146
  - *A. trifida* in, biological control of 3146
  - arthropod pests in, crop losses caused by 3968
  - *Blissus insularis* in 1437
  - *B. leucopterus* in 1437
  - Cicadellidae in, on *Ulmus* 3842
  - cotton in, pest control on 3389, 3793, 4927
  - Crambinae in, in turf 1439
  - Curculionidae in, in turf 1438
  - *Dasineura oxycoccana* in, on cranberry 152
  - *Dendroctonus frontalis* in, natural enemies of 4710
  - *Euxoa* spp. in 2509
  - Fulgoridae in, on *Ulmus* 3842
  - *Haliaeetus leucocephalus* in, residues in 2491
  - Hemiptera in 861
  - *Hypera* spp. in 3531
  - insect common names in 1656
  - insect detection in 2595
  - *Liriodendron tulipifera* in, pests of 3831
  - maize in, pest control on 4927
  - molluscs in, insecticide residues in 4975
  - *Nuculaspis californica* in 3820
  - *Ostrinia nubilalis* in 3161–3162
  - *Psallus seriatus* in, on cotton 4928
  - *Quercus* in, pests of 4831
  - *Rheumaptera hastata* in 296
  - *R. subhastata* in 296
  - Rhopalocera in 4638
  - Scarabaeidae in, in turf 1438
  - Scolytidae in 4550
  - *Senecio jacobaea* in, *Hylemya seneciella* for biological control of 1400
  - soil in
    - insecticide residues in 4976
    - pesticide residues in 1652, 2496
  - *Sparganothis sulfureana* in, on cranberry 152
  - stored grain in, pest control in 726
  - *Winthemia* spp. in 2088
- ***Unnata intracta***
  - in India 3720
  - on grape vine, in Punjab 3720
- ***nunguis, Oligonychus***
- **UOP 688** (*see* 1,4-Benzenediamine, *N*-octyl-*N*′-phenyl-) 4591
- **Upper Volta**
  - cotton virescence in 1936–1939
  - *Orosius* spp. in, on cotton 1939
- **Uracil** (*see* 2,4(1*H*,3*H*)-Pyrimidinedione)
- ***uralensis, Formica***
- ***Urbanus proteus***
  - biology of 610
  - in USA 610
  - on *Phaseolus vulgaris,* in Florida 610
- **Urea**
  - in *Locusta migratoria,* egg-shell permeability to 1817
  - in *Nezara viridula,* formation of 352
  - in *Teleogryllus commodus,* egg-shell permeability to 1817
  - polymer with formaldehyde, aldicarb slow-release formulations in granules of 3923
- **Urea, *N*′-(4-chlorophenyl)-*N,N*-dimethyl-** (monuron)
  - synergist for
    - DDT 4959
    - parathion 4959
- **Urea, *N*′-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methyl-** (linuron)
  - in plants
    - effects of insecticides on metabolism of 1218
    - effects on insecticide metabolism of 1219
- ***Urena lobata***
  - *Podagrica* spp. on, assessing infestations of 4809
  - *P. sjostedti* on, in Sierra Leone 4809
  - *P. uniformis* on, in Sierra Leone 4809
- **Uric acid** (*see* 1*H*-Purine-2,6,8(3*H*)-trione, 4,9-dihydro-)
- **Uricase** (*see* Oxidase, urate)
- **Uridine,** in *Drosophila melanogaster,* actinomycin D inhibiting incorporation into RNA of 2467
- ***Urocerus augur,*** on conifers, effects of 3833
- ***Urocerus gigas***
  - in Poland 685
  - on conifers, effects of 3833
  - on *Picea,* in Poland 685
  - parasitised by, *Ibalia leucospoides,* in Poland 685
- ***Urocerus sah,*** on conifers, effects of 3833
- ***Urochloa mosambicensis,*** sugar-cane mosaic virus in, in Australia 2283
- ***Uroleucon formosanus***
  - in Japan 408
  - on lettuce
    - distribution pattern of 408
    - in Japan 408
- ***Urophorus humeralis,*** *Ceratocystis paradoxa* in, transmission of 4735

uropygialis, Exochomus
urozonus, Eupelmus
urticae, Aphidius
urticae, Tetranychus
Urticaria, in man, caused by Megalopygidae 4035
urticariae, Aphidoletes
Uruguay, *Acromyrmex* spp. in 99
urussovii, Monochamus
ustistriga, Graphania
ustulatum, Bembidion
ustulatus, Agriotes
Utah
  Dioryctria pseudotsugella in, on *Pseudotsuga* 2511
  Malacosoma incurvum in, on *Populus* 1549
  water in, pesticide residues in 2495
utana, Phyllotreta
Utetheisa pulchella
  Aspergillus fumigatus in
    in Rajasthan 2894
    pathogenicity of 2894
  biology of 1444
  in India 1444, 2894
  on *Crotalaria burhia*, in Rajasthan 1444
V-C 3-668 (*see* Phosphorotrithioic acid, *O*-methyl *S,S*-dipropyl ester) 4939
v-flava, Oinophila
V-7118 (*see* Pyrimido[5,4-*e*]-1,2,4-triazine-5,7(6*H*,8*H*)-dione, 6,8-dimethyl-)
vaccinii, Acrobasis
Vaccinium macrocarpon (see Cranberry)
Vaccinium oxycoccus (see Cranberry)
vaga, Schistocerca
vagans, Acarapis
vagans, Ceraphron
vagans, Heterarthrus
Vagoiavirus, taxonomy of 3332
Vagoiavirus melolonthae, in, *Melolontha melolontha* 3323
vagus, Camponotus
valens, Dendroctonus
Valexon (*see* Phoxim)
Valexone (*see* Phoxim)
Valgus hemipterus
  in Romania 663
  on *Mahonia aquifolium*, in Romania 663
validus, Campoplex
validus, Hyposoter, (*Anilasta*)
L-valine
  in *Anthonomus grandis*, dietary requirement for 3558
  in cabbage, increased by fenitrothion sprays 3768
  in *Dysdercus fasciatus*, dietary requirement for 3001
  in *Heliothis zea, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into protein of 3341
L-valine *contd.*
  in *Picea abies*, effects on mite infestations of 1960
  in *Scirpophaga nivella*, dietary requirement for 3000
  in *Trichoplusia ni, Bacillus thuringiensis* β-exotoxin inhibiting incorporation into protein of 3338
Valsa, on cherry, after damage by *Enarmonia formosana* 1459
Vamidothion (*O,O*-dimethyl *S*-[2-[[1-methyl-2-(methylamino)-2-oxoethyl]thio]ethyl] phosphorothioate)
  against
    Empoasca spp. 3245
    Liriomyza sativae 1204
    Tetranychus cinnabarinus 558
    T. urticae 1500
  in spinach, residues of 785
  in *Stethorus nigripes*, toxicity of 4532
  in *Zetzellia mali*, toxicity of 2657
vancouverensis, Erannis
vanderplanki, Metaphycus
Vanessa cardui (see *Cynthia*)
vanillae, Agraulis
Vapona (*see* Dichlorvos)
vaporariorum, Trialeurodes
varia, Aeneolamia
varia, Atherigona
variabile, Trogoderma
variabilis, Phytonomus (see *Hypera postica*)
variabilis, Sericothrips
varians, Myzus
varicolor, Besserioides
variegana, Olethreutes (see *Hedya nubiferana*)
variegata, Adonia, (*Hippodamia*)
variegata, Eudecatoma
variegatus, Cirrospilus
variegatus, Zonocerus
variolosa, Poecilonota
varipes, Afrosyrphus
varivestis, Epilachna
Vasates cornutus (see *Aculus*)
Vasates destructor (see *Aculops lycopersici*)
Vasates mangiferae
  control of, acaricides for 2342
  in Egypt 2342, 2789
  on mango, in Egypt 2342, 2789
vasilievi, Psylla
vassiliewi, Trissolcus
vastator, Nipaecoccus
vastus, Agriotes
VCS-506 (*see* Phosphonothioic acid, phenyl-, *O*-(4-bromo-2,5-dichlorophenyl) *O*-methyl ester) 1041
Vegetable marrow virus, in, *Aphis gossypii*, transmission of 2150
Vegetables, pesticides in, effects of processing on residues of 1640
Vegetation, trapping insects in 1791

grandis, Eocader
ld (*see* Grassland)
ldrin (*see* Endrin, with thiometon)
lox, Aoplus
lox, Oxya
ltin (*see* Thiometon)
lutina, Villa, (*Hemipenthes*)
lutinana, Argyrotaenia
lutinum, Tetropium
nator, Amphibolus
natus, Sphenophorus
enezuela
  Agromyzidae in 1663
  Aleurocanthus woglumi in 2632
  Citrus in, pests of 5132
  coconut red-ring disease in 5108–5109
  Hypsipyla ferrealis in, on *Carapa guianensis* 3267
  Polyphagotarsonemus latus in, on *Citrus* 5131
  Prodecatoma cooki in, on grape vine 5118
  Rhynchophorus palmarum in, on coconut 5108–5109
  Spodoptera frugiperda in
    natural enemies of 1010
    on maize 1010, 5092
  Toxotrypana curvivauda in, on *Carica papaya* 5137
  Trichoplusia ni in, on cabbage 2806
  Unaspis citri in, on *Citrus* 4310
enosatus, Proceras (see *Chilo sacchariphagus*)
ventralis, Eysarcoris
ventralis, Scolytus
Venturia canescens (see *Devorgilla*)
venustus, Calephorus
venustus, Pteromalus
verbasci, Anthrenus
verbasci, Campylomma
Verbenol, *trans*- (*see* Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-, (1α,2α,5α)-)
Verbenone (*see* Bicyclo[3.1.1]hept-3-en-2-one, 4,6,6-trimethyl-)
Vermiculite, bait component for, leaf-cutting ants 1819
Vermivora peregrina, preying on, *Lambdina fiscellaria,* in Newfoundland 1853
Verrallia aucta
  in UK 2177
  parasitising
    Neophilaenus lineatus, in UK 2177
    Philaenus spumarius, in UK 2177
versicolor, Meteorus
versicolor, Oxycetonia
vertebratus, Dacus
verticalis, Gilpinia
Verticillium, pesticides in, effects of 4969
Verticillium lecanii, pesticides in, effects of 4969
veruculata, Achaearanea
verutana, Bactra
Vespa orientalis
  biology of 4210
  in Egypt 4210
  in India 2314
  on grape vine, in Madhya Pradesh 2314
vesperalis, Agriotes squalidus
Vespidae, foraging behaviour in, methods for studying 414
Vespoidea, in Afghanistan 398
Vespula, *Neoaplectana carpocapsae* in, pathogenicity of 3925
Vespula atropilosa
  in USA 3925
  Neoaplectana carpocapsae in, pathogenicity of 3925
Vespula germanica
  biology of 1826
  control of 1826
  in Australia 1826
  in France 1162
  in New Zealand 719
  preying on
    Paropsis charybdis, in New Zealand 719
    Villa brunnea, in France 1162
    V. velutina, in France 1162
Vespula pensylvanica
  foraging behaviour in 414
  in USA 414, 3925
  Neoaplectana carpocapsae in, pathogenicity of 3925
Vespula rufa atropilosa (see *V. atropilosa*)
vestita, Psilopholis
vestitus, Hylesinus, (*Chaetoptelius*)
vestitus, Sphenophorus venatus
vesuviana, Carpomyia
Vetch (see *Vicia*)
vetula, Acroglossa
vexator, Nupserha
Vibrissina turrita
  in Bulgaria 487
  parasitising, *Athalia cordata,* in Bulgaria 487
viburni, Aphis
Viburnum awabuki, *Chalioides kondonis* on, in Japan 1097
Viburnum opulus, *Aphis fabae* group on 2585
Vicia
  Bruchidius quinqueguttatus on, in Turkey 4486
  Bruchus emarginatus on, in Turkey 4486
  B. rufimanus on, in Turkey 4486
  B. rufipes on, in Turkey 4486
  B. ulicis on, in Turkey 4486
  pea enation virus in, infectivity of 4330
  Xestia c-nigrum on, in Ukraine 4188
Vicia ervilia
  Bruchus pisorum on, in Turkey 4486
  B. ulicis on, in Turkey 4486

Vicia faba (broad bean)
  Acyrthosiphon pisum on
    development of 4763
    effects of soil on 1317
    in Finland 5237
    resistance to 1593
  A. sesbaniae on, in Egypt 311
  aldrin in, metabolism of 1229, 2052
  Aphis craccivora on
    in Egypt 3763, 4140, 4331
    varietal preferences of 4331
  A. fabae on
    in France 4429
    in UK 1115–1116
    in West Germany 3230
  Botrytis fabae in, in Czechoslovakia 3309
  broad bean mosaic virus in, in West Germany 3230
  Bruchidius incarnatus on, in Egypt 3303
  Bruchus rufimanus on, in Turkey 4486
  insecticides in
    effects of 5145
    effects on nodule formation of 4014
  Liriomyza congesta on, in Egypt 3228
  L. trifolii on, in Egypt 3231
  pea leaf roll virus in
    aphid transmission of 4789
    in West Germany 3230
  Sitona limosus on, in Israel 3027
  subterranean clover red-leaf virus in, in New Zealand 3713
  Sudanese broad bean mosaic virus in, in Sudan 2811
  Tetranychus urticae on, effects of soil on 1317
  Virachola livia on, in Egypt 2787
***Vicia faba* (stored seeds)**
  bromomethane in
    residues of 4016
    toxicity of 2416
  Bruchidius incarnatus in, in Egypt 3303
Vicia narbonensis, pea leaf-roll virus in, aphid transmission of 4789
Vicia sativa
  Acyrthosiphon pisum on
    development of 4763
    in Bulgaria 1916
viciae, Megoura
vicinus, Opatroides
vicinus, Scapteriscus
Victoria
  Aonidiella aurantii in, on orange 460
  Teleogryllus commodus in 2750
Vidate (*see* Ethanimidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester)
  3748
vidua, Cypridopsis
viduatus, Meligethes
viennensis, Tetranychus
Vietnam
  Bostrychidae in 3427
  Sternochetus mangiferae in, on mango 2588
  Tephritidae in 2962
vigintiduopunctata, Thea
vigintioctomaculata, Epilachna
vigintioctopunctata, Henosepilachna, (*Epilachna*)
vigintiquattuorpunctata, Subcoccinella
Vigna aconitifolia (see *Phaseolus aconitifolius*)
Vigna angularis (see *Phaseolus*)
Vigna mungo (see *Phaseolus*)
Vigna oligasterna, *Callosobruchus maculatus* on, in Iran 4123
Vigna radiata (see *Phaseolus aureus*)
Vigna sinensis (see *V. unguiculata*)
Vigna unguiculata (cowpea)
  Agistemus exsertus on, in Egypt 540
  Aphis craccivora on, in Egypt 3774, 4140
  bean common mosaic virus in, in India 4792
  Callosobruchus chinensis on, in India 5147
  C. maculatus on
    in India 5147
    in Iran 4123
  Caryedon spp. on, in India 5147
  Chalcodermus aeneus on, resistance to 1487, 4791
  Empoasca decipiens on, in Egypt 3774
  Epilachna dodecastigma on, in Uttar Pradesh 4790
  Etiella zinckenella on 5146
  Henosepilachna vigintioctopunctata on, in Uttar Pradesh 4790
  Liriomyza trifolii on, in Egypt 3774
  Spodoptera exigua on, development of 3469
  Tetranychus arabicus on, in Egypt 3774
***Vigna unguiculata* (stored seeds)**
  Bruchidius incarnatus in, in Egypt 3303
  Trogoderma granarium in, development of 1551
Villa brunnea
  biology of 3352
    apparatus for studying 5046
  in France 1162, 3352, 5046
  in Spain 670
  parasitised by, *Villa velutina,* in France 1162
  parasitising
    Thaumetopoea pityocampa
      in France 1162, 3352, 5046
      in Spain 670
  planidium larva of 2100
  predators of, in France 1162
Villa circumdata
  in USSR 5085

circumdata *contd.*
asitising, *Hadena sordida,* in
Kazakhstan 5085
fimbriata
erparasitising, *Thaumetopoea*
pityocampa, in Spain 670
Spain 670
maura
erparasitising, *Thaumetopoea*
pityocampa, in Spain 670
Spain 670
morio
logy of, apparatus for studying 5046
perparasitising, *Thaumetopoea*
pityocampa, in Spain 670
France 5046
Spain 670
rasitising, *Thaumetopoea pityocampa,* in
France 5046
velutina
perparasitising
Thaumetopoea pityocampa
in France 1162
in Spain 670
France 1162
Spain 670
rasitising, *Villa brunnea,* in France
1162
edators of, in France 1162
ca, Arctia
sulus, Adoxus obscurus
inalis, Trichiocampus, (*Cladius*)
e, grape (*see* Grapevine)
e, puncture (see *Tribulus cistoides*)
e, trumpet creeper (see *Campsis*
radicans)
ti, Aphis
tor, Nysius
yl phosphates, metabolism and
degradation of 1630
escens, Didymuria
let, African (see *Saintpaulia*)
achola isocrates
India 591
n guava, in India 591
achola livia
iology of 2787
ontrol of, insecticides for 4904
n Egypt 2787
n Jordan 4904
n pomegranate
in Egypt 2787
in Jordan 4904
arasitised by
Brachymeria spp., in Egypt 2787
Trichogramma evanescens, in Egypt
2787
ens, Apion
escence (*see* Cotton virescence)
escens, Heliothis
escens, Nephotettix
escens, Temnochila

virgata, Ferrisia, (*Ferrisiana*)
virgaureana, Cnephasia (see *C. interjectana*)
virgifera, Diabrotica
Virgin Islands, insects in UV traps in 4141
Virginia
Alsophila pometaria in, natural enemies of
5066
aphids in 3542
Dioryctria taedae in, on *Pinus* 4061
Oscinella frit in, natural enemies of 1838
Panonychus ulmi in
on apple 159
on peach 159
Pseudaulacaspis pentagona in
natural enemies of 2333
on ornamental plants 2333
Virginia creeper (see *Parthenocissus*
quinquefolia)
virginiensis, Anisota
virguncula, Euproctis
viridana, Tortrix
viridanus, Adelges, (*Cholodkovskya*)
viridescens, Meligethes
viridicollis, Phyllobius
viridina, Tortrix
viridis, Adelges, (*Sacciphantes*)
viridis, Coccus
viridis, Sminthurus
viridis, Tettigella
viridissima, Chloropsalta
viridula, Nezara
viridula, Sympiesis
viridulus, Coccus
virilis, Drosophila
viriplaca, Heliothis, (*Chloridea*)
Viron/H (see *Heliothis* nuclear polyhedrosis
virus)
Viruses and virus diseases
of arthropods 4881
Adoxophyes orana 4887–4888
Agraulis vanillae 2009
Amsacta spp. 3928
A. moorei 3332, 4434
Antheraea eucalypti 5213
Anthonomus grandis 3322
Apis mellifera 742
Aporia crataegi 1183
Archips cerasivoranus 5197
A. rosanus 3950
Arctia caja 1183
Bombyx mori 2439, 2895, 2901, 2911,
3313, 3892, 3898, 4898
Bucculatrix thurberiella 4892
Caripeta divisata 26
Chilo suppressalis 2438, 3317
Chironomus luridus 3332
Choristoneura biennis 4574, 4911
C. conflictana 3875
C. fumiferana 4574, 4911, 5197
Colladonus montanus 2438
Cosmotriche lunigera 1183
Costelytra zealandica 2446

Viruses and virus diseases *contd.*
- of arthropods *contd.*
  - *Cryptophlebia leucotreta* 3928, 4154, 4814, 5235–5236
  - *Cydia pomonella* 1183, 3189
  - *Dasychira abietis* 1183
  - *Dendrolimus superans* 1183
  - *Dionychopus amasis* 2910
  - *Dioryctria abietella* 1183
  - *Diparopsis watersi* 3928
  - *Diprion similis* 1183
  - *Drosophila* spp. 2552
  - *D. melanogaster* 2434, 2467, 3320, 3343
  - *D. virilis* 2908
  - *Earias insulana* 3928
  - *Ephestia cautella* 3330, 3337
  - *Epiphyas postvittana* 1189
  - *Estigmene acraea* 4434, 4892
  - *Eudonia* spp. 3878
  - *Euxoa auxiliaris* 2004, 4425
  - *Galleria mellonella* 26, 244, 742, 884, 2431, 4893, 4896
  - *Gilpinia hercyniae* 26
  - *Gonometa podocarpi* 3325, 5213
  - *Hadena sordida* 1184, 5085
  - *Heliothis* spp. 3893, 4915
  - *H. armigera* 3928, 4655, 5236
  - *H. virescens* 1527, 2900, 2915, 4424, 4894
  - *H. zea* 1527, 2915, 3331, 3889, 3898, 4892
  - *Hemerocampa pseudotsugata* 26, 243, 3879
  - *Hyphantria cunea* 1998, 3339, 4897
  - *Junonia coenia* 3899
  - *Lambdina fiscellaria* 26, 3272, 3318, 3877
  - *Lasiocampa quercus* 1183
  - *Leucodonta bicoloria* 1183
  - *Lymantria dispar* 738, 1183, 1536, 3275, 4879
  - *L. monacha* 1183
  - *Malacosoma disstria* 2007, 2901, 2904–2905, 4880
  - *Mamestra brassicae* 1183
  - *Melanoplus sanguinipes* 3332
  - *Melolontha melolontha* 3323, 3332
  - *Mythimna unipuncta* 743, 1187, 1194, 3120, 3645, 4412, 5219
  - *Neodiprion sertifer* 1183, 4846
  - *N. swainei* 2436
  - *N. taedae* 4874
  - *Nudaurelia cytherea* 5213
  - *Oryctes rhinoceros* 832, 3891, 4765
  - *Panonychus citri* 3888, 4876–4877, 5213
  - *Pectinophora gossypiella* 2900, 3885
  - *Phthorimaea operculella* 2912, 3330
  - *Pieris brassicae* 741, 2432–2433, 3876, 3894
  - *P. rapae* 1185, 4501

Viruses and virus diseases *contd.*
- of arthropods *contd.*
  - *Plathypena scabra* 148, 1489
  - *Plodia interpunctella* 3330, 3337, 3897, 4428
  - *Plusia californica* 740, 2037, 2909, 3885, 4423, 4892
  - *Plutella xylostella* 2909, 4892
  - *Pseudoplusia includens* 2897, 3324
  - *Ptilodon capucina* 2855
  - *Rachiplusia ou* 2447
  - *Schistocerca americana* 1999, 5222
  - *Semiothisa pumila* 1183
  - *Sericesthis pruinosa* 3317
  - *Spodoptera exigua* 3928, 4892
  - *S. frugiperda* 246, 3331, 3898
  - *S. littoralis* 3244, 3928
  - *S. litura* 737, 1139, 4422
  - *Stilpnotia salicis* 1183, 3270
  - *Tetranychus cinnabarinus* 4877
  - *Thaumetopoea pityocampa* 3903
  - *Tinea pellionella* 3330
  - *Tineola bisselliella* 3330, 4426
  - *Tipula oleracea* 4884–4885
  - *Trichiocampus viminalis* 1183
  - *Trichoplusia ni* 242, 246, 740, 1181, 1482, 2005, 2437, 2909, 2914, 333 3645, 3882, 3884, 3898, 3900, 441 4891–4892, 5166, 5218
  - *Wiseana* spp. 1069, 4882
  - *W. cervinata* 2446, 3878
  - in soil, detection of 3344
  - nucleopolyhedrons, rapid method for identifying 2184
  - solubilisation of inclusion bodies in 2432
  - storage of 3898
- of plants
  - effects of oil on aphid transmission of 3872
  - transmission of 429
  - vector-specificity of 755

Vitamin A, in *Itoplectis conquisitor,* dietar requirement for 350

Vitamin B
- diet component for, *Hylobius pales* 134
- in *Tribolium castaneum* diet, effects on *Nosema* infection of 241

Vitamin B$_{12}$
- in *Anthonomus grandis,* dietary requirement for 3558
- in *Itoplectis conquisitor,* dietary requirement for 350

Vitamin C (*see* L-Ascorbic acid)

Vitamin D$_3$ (*see* 9,10-Secocholesta-5,7,10(19)-trien-3-ol, (3β)-)

Vitamin E
- in *Autographa gamma,* role in ovarian development of 4088
- in *Heliothis armigera,* pupal diapause related to deficiency of 3806

- **in E** *contd.*
  - *Itoplectis conquisitor,* dietary requirement for 350
- **ains**
  - t component for
    - *Agrotis segetum* 3393
    - *Bactra verutana* 4639
    - *Chilo auricilius* 4094
    - *Epiphyas postvittana* 4663
    - *Eurygaster integriceps* 2206
    - *Heliothis virescens,* not affecting cytoplasmic polyhedrosis infection 4424
    - *Hylotrupes bajulus* 4166
    - *Lobesia botrana* 32
    - *Lymantria dispar* 1351
    - *Ostrinia nubilalis* 1353
    - *Otiorhynchus sulcatus* 2122
    - *Phytoseiulus persimilis* 2266
    - *Pieris brassicae,* not affecting granulosis infection 3894
    - *Popillia japonica* 4660
    - *Sesamia nonagrioides* 3556
    - *Spodoptera littoralis* 1790
- **vax** (*see* 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-*N*-phenyl-) 3744
- ***ana, Paralobesia,*** (*Polychrosis*)
- **erra,** diet component for, *Spodoptera littoralis* 1790
- ***eus vitifoliae***
  - ontrol of, insecticides for 1077
    - n Argentina 1077
    - n Canada 4767
    - n South Africa 153
    - n Turkey 4469–4470
  - n grape vine
    - in Argentina 1077
    - in British Columbia 4767
    - in South Africa 153
    - in Turkey 4469–4470
- ***ifoliae, Viteus,*** (*Phylloxera*)
- ***is, Adoxus***
- ***is, Anaphothrips***
- ***is, Calepitrimerus***
- ***is, Eriophyes***
- ***is, Planococcus***
- ***is, Pulvinaria***
- ***tis quadrangularis,*** *Hippotion celerio* on, in India 2315
- ***itis vinifera*** (see Grapevine)
- ***tisuga, Erythroneura adanae***
- ***tripennis, Apanteles***
- ***tripennis, Nasonia***
- ***tripennis, Syrphus***
- ***ttatus, Cirrospilus***
- ***ttatus, Collops***
- ***ttella, Earias***
- ***ttiger, Zaprionus***
- ***itula edmandsii serratilineella,*** lipids in 2544
- ***elkeri, Dysdercus***
- ***Vogtia malloi***
  - on *Alternanthera philoxeroides*
    - and biological control using
      - in Florida 1862
      - in Georgia (USA) 1862
- **Volck oil** (*see* Oil emulsions)
- **Volk oil** (*see* Oil emulsions)
- ***volucre, Praon***
- ***volucripes, Dictyna***
- ***vomitoriae, Phytomyza***
- ***vorax, Anthrenus*** (see *A. flavipes*)
- ***vorax, Apion***
- ***vosseleri, Taylorilygus,*** (*Lygus*)
- **Voteksit** (*see* Trichlorphon)
- **VÚAgT 93** (*see* Phenol, 2-[(methylthio)methyl]-, methylcarbamate) 5239
- **VÚAgT 113** (*see* Phenol, 5-methyl-2-[(methylthio)methyl]-, methylcarbamate) 5239
- ***vulgaris, Asaphes***
- ***vulgaris, Pterostichus,*** (*Platysma*)
- ***vulnerator, Pristomerus***
- ***vulneratus, Plegaderus***
- ***vulpinus, Dermestes*** (see *D. maculatus*)
- **Vydate** (*see* Ethanimidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester) 5129
- ***wahlbergi, Nematus***
- ***wahlbomiana, Cnephasia*** (see *Pseudosciaphila branderiana*)
- ***wainsteini, Brevipalpus***
- ***walleyi, Chrysocharis***
- **Walnut**
  - *Acrobasis caryae* on, in Mexico 2761
  - *Chromaphis juglandicola* on, in California 1455
- **Walnut (stored nuts),** pest control in, insecticides for 2405
- ***Waltherea indica,*** *Earias biplaga* on, in Tanzania 4812
- **Washington State**
  - *Aculus schlechtendali* in, on apple 163–164
  - *Acyrthosiphon pisum* in, on lucerne 1881
  - *Coleophora laricis* in, on *Larix* 3840
  - *Cydia pomonella* in 4926
    - on apple 2777, 3566
  - *Dendroctonus ponderosae* in, on *Pinus* 3837
  - *Dioryctria pseudotsugella* in, on *Pseudotsuga* 2511
  - *Hylemya antiqua* in, on onion 629
  - *Lygus elisus* in, on lucerne 1881
  - *L. hesperus* in, on lucerne 1881
  - *Macrosiphum creelii* in, on lucerne 1881
  - *Macrosteles fascifrons* in 1323
  - *Myzus persicae* in, on peach 1205, 5128

Washington State *contd.*
  Panonychus ulmi in, on apple 163–164, 1639
  Psylla pyricola in, on pear 1639
  Rhyacionia buoliana in, on *Pinus* 5193
  Senecio jacobaea in, *Longitarsus jacobaeae* for biological control of 489
  Tetranychus mcdanieli in, on apple 163–164, 1639
  Thrips tabaci in, on onion 629
Wasps, malathion in, toxicity of 4011
Water, demineralised, surface-sterilant for, *Trichoplusia ni* eggs 3565
Water hyacinth (see *Eichhornia crassipes*)
Watercress (see *Nasturtium officinale*)
Waterglass, in *Lymantria dispar,* effects of 1536
Watermelon (*Citrullus vulgaris*)
  Hylemya platura on, in Turkey 4444
Watermelon mosaic virus, in, aphids, transmission of 735
watersi, Diparopsis
watsoni, Ctenodactylomyia
Weevils, colonisation of new territory by 5027
welchi, Xenylla
wellsi, Paracheyletia, (*Cheyletia*)
Wesmaelia pendula
  in USA 112
  parasitising
    Nabis alternatus, in Arizona 112
    N. americoferus, in Arizona 112
    N. capsiformis, in Arizona 112
Wesson's salts
  diet component for
    Chilo auricilius 4094
    Earias insulana 1141
    Heliothis armigera 4655
    Hypera postica 4661
West Germany (*see* German Federal Republic)
Western Australia
  Iridomyrmex humilis in 1858
  Phthorimaea operculella in
    natural enemies of 2912
    on potato 2912
  rape in, pests of 2805
Western Samoa, *Neodichopelmus samoanus* in, on *Codiaeum* 1665
Western X-disease (*see* Peach western X-disease)
Whale skeleton, *Necrobia rufipes* in, in Kerala 4857
Wheast (*see* Yeasts)
Wheat (*Triticum* spp.)
  Aceria tulipae on, in Ohio 501
  Acyrthosiphon dirhodum on
    in Chile 3156
    in UK 1038
    in West Germany 124
  A. festucae on, in UK 1038
  Aelia spp. on, in Spain 1407

Wheat *contd.*
  Aelia contd.
  A. acuminata on, in Morocco 2721
  A. cognata on, in Morocco 2721
  A. germari on
    in Morocco 2721
    in Spain 1406
  aldrin in, metabolism of 1229
  Apamea anceps on, in USSR 4930
  A. sordens on, in Poland 3581
  Atherigona falcata on, in Uttar Pradesh 507
  A. simplex on, in Madhya Pradesh 47
  barley yellow-dwarf virus in, effects of 3152
  γ-BHC in
    residues of 4971
    toxicity of 4441, 4740
  Cephus cinctus on
    in Montana 1039
    resistance to 1039
  Chlorops pumilionis on
    in Poland 127, 502
    resistance to 127
  Cnephasia pumicana on, in France 47
  Diptera on, in Romania 2282
  disulfoton in, toxicity of 2069
  Erythroneura truncata on, in Banglades 4049
  Eurygaster spp. on, in Romania 4705, 4737
  E. integriceps on
    in Turkey 4439
    in USSR 1644, 2019, 2288, 4249, 49
  Euxoa detersa on, in Illinois 3691
  fenitrothion in, residues of 2288
  Geoica lucifuga on, in Turkmenia 111
  Hadena sordida on, in Kazakhstan 14 5085
  Haplodiplosis equestris on
    in Belgium 1408, 3679
    in England 5083
    in Hungary 3154
    in West Germany 1405
  Haplothrips tritici on
    in Romania 1036
    in USSR 3158
  herbicides in
    effects of insecticides on metabolism o 1218
    toxicity of 2069
  Hylemya coarctata on, in UK 1037, 5034
  Javesella pellucida on, in Finland 1332
  Lachnosterna crinita on, in Texas 125
  leafhoppers on, in Finland 5084
  leptophos in, residues of 2290
  Limothrips cerealium on, in Belgium 3612
  Macrosiphum spp. on, in Chile 3156
  M. avenae on
    in Alberta 2720

eat *contd.*
  Macrosiphum avenae on *contd.*
    in Mexico 2719
    in UK 1038
    in West Germany 124
  Mayetiola destructor on, in UK 503
  menazon in, toxicity of 2069
  Notoxus anchora on, in Ontario 4702
  Nysius spp. on, in Texas 508
  Oscinella frit on, in France 1333
  O. pusilla on, in France 1333
  Pachytychius hordei on, in Turkey 4437
  pests of
    effects of fertilizer use on 1600
    in Rhodesia 4742
  Petrobia latens on, in Madhya Pradesh 3157
  phorate in, toxicity of 4740
  Phyllotreta chotanica on, in Madhya Pradesh 3155
  pirimiphos-ethyl in, toxicity of 3924
  Polyphylla irrorata on, in Kazakhstan 1023
  Popillia japonica on, rearing of 4660
  Rhopalosiphum maidis on, in Chile 3156
  R. padi on
    in Chile 3156
    in West Germany 124
  Schizaphis graminum on
    in Chile 3156
    in Mexico 4250
    in South Africa 4741
  Sesamia calamistis on, in Mozambique 491
  S. inferens on, in Madhya Pradesh 3159
  S. uniformis on, in Madhya Pradesh 3159
  Syringopais temperatella on, in Iraq 505–506
  Tenebrionidae on, in South Dakota 374
  trichlorphon in, residues of 2288
  Zygina maculifrons on, in Madhya Pradesh 3155
Wheat bran
  bait-spray component for, grasshoppers 5221
  carrier for *Nosema* spores 5221
  diet component for, *Acheta domesticus* 1793
  Tribolium castaneum in, development of 1552
Wheat-bran extract, *Spodoptera littoralis* feeding responses to 4674
Wheat fields, Coccinellidae in, dispersal of 4706
Wheat flour
  effects of insect damage to grain on quality of 2289
  pest control in, γ-irradiation for 5210
  Tribolium castaneum in 2124
    development of 1552
Wheat germ
  diet component for
    Bactra verutana 4639
    Cryptophlebia leucotreta 4814
    Dectes texanus 85
    Epiphyas postvittana 4663
    Eurygaster integriceps 2206
    Heliothis armigera 4655
    Hylobius pales 1348
    Hypera postica 4661
    Lobesia botrana 32
    Lymantria dispar 1351
    Musca domestica, for testing *Bacillus thuringiensis* toxins 2193
    Ostrinia nubilalis 1353
    Popillia japonica 4660
    Sitophilus granarius 1702
    Zeiraphera diniana 1159
Wheat-germ oil
  diet component for
    Diatraea saccharalis 3064
    Epiphyas postvittana 4663
    Hylobius pales 1348
    Sitophilus granarius 1702
Wheat spot chlorosis, causal agent, in, *Aceria tulipae,* transmission of 501
Wheat (stored grain)
  bromomethane in, toxicity of 2416, 3297
  malathion in
    odour of 2475
    residues of 1981
  pest control in, in UK 5209
  pesticides in, effects of 2417–2418
  pests of, in Rhodesia 4742
  phenthoate in, residues of 2482
  Sitophilus oryzae in, detection of 4861
  S. zeamais in, detection of 4861
  Tribolium castaneum in, development of 1552
  Tuckerella ablutus in, in Pakistan 2980
Wheat streak mosaic virus, in, *Aceria tulipae,* transmission of 501
White clay
  against
    Rhyzopertha dominica 4592
    Tenebroides mauritanicus 4592
Widdrol (*see* 1*H*-Benzocyclohepten-7-ol, 2,3,4,4a,5,6,7,8-octahydro-1,1,4a,7-tetramethyl-, *cis*-) 914
Widkiller D
  with fenthion 4439
  with trichlorphon 4439
wilkinsoni, Prodacanthus
wilkinsoni, Thaumetopoea
Willow (see *Salix*)
Willow, basket (see *Salix americana* and *S. viminalis*)
Willow, sandbar (see *Salix interior*)
Wine, diazinon in, residues of 5252
Wine-bottle corks
  Nemapogon granellus in, in France 722

Wine-bottle corks *contd.*
  Oinophila v-flava in, in France 722
Winthemia
  in Canada 2088
  in USA 2088
  parasitising, *Plathypena scabra,* in Iowa 148
  taxonomy of 2088
Winthemia occidentis
  in Canada 1836
  parasitising
    Erannis vancouverensis, in British Columbia 1947
    Lambdina fiscellaria, and biological control using, in Newfoundland 1836
  rearing of, techniques for 1836
Wireworms
  control of, insecticides for 5243
  larval development in 50
Wisconsin
  Diprion similis in, natural enemies of 2441
  Hylemya brassicae in
    on swede 1498, 4804
    on turnip 1498
  potatoes in, pesticide residues in 808
  Rhagoletis pomonella in, on apple 1321
Wiseana
  eggs of, amino acids in 4107
  entomopox virus in 4882
    in New Zealand 1069
  granulosis virus in 4882
    in New Zealand 1069
  iridescent virus in 4882
  nuclear polyhedrosis virus in 4882
    in New Zealand 1069
  preyed on by, *Sturnus vulgaris,* in New Zealand 4698
  rearing of, techniques for 1355, 3554
Wiseana cervinata
  in New Zealand 2446, 3878
  iridescent virus in
    in New Zealand 2446, 3878
    properties of 2446
Witlesia (see *Eudonia*)
woeberiana, Laspeyresia (see *Enarmonia formosana*)
Wofatox (*see* Methyl-parathion)
woglumi, Aleurocanthus
Wong bok (*Brassica pekinensis*) (*see* Cabbage, Chinese)
Wood-plastic composites, termite resistance in 4409
woodi, Acarapis
Wool
  Anthrenus flavipes in 4399
  pest control in 4399
Woollen cloth (*see* Textiles, wool)
Wotexit (*see* Trichlorphon)
Wound tumour virus, in, *Agallia constricta,* replication of 233
Wyoming
  Dendroctonus ponderosae in, on *Pinus* 1543
  grasshoppers in 4683
X-rays
  detection of, by *Camponotus herculeanu* 1824
  effects of, on
    Adoxophyes orana 3015
    Brevipalpus obovatus 362
    Cryptorhynchus lapathi 697
    Locusta migratoria 886
    Piophila casei 1741
    Tetranychus neocaledonicus 4116
    Tribolium castaneum 1190
    T. confusum 1190, 1577
    pupation 2113
xanthenes, Hydraecia
Xanthium, *Euxoa detersa* on, in Illinois 3691
Xanthium strumarium
  Mecas saturnina on, and biological cont using 4242
  Nupserha vexator on, and biological control using 4242
Xanthodes graellsii
  control of, insecticides for 2832
  in Sudan 2832
  on cotton, in Sudan 2832
  parasites of, in Sudan 2832
Xanthogramma aegyptium
  in South Africa 601
  insecticides in, toxicity of 4013
  prey specificity in 3664
  preying on
    aphids, in South Africa 601
    Aphis gossypii 4013
Xanthommatin, in *Schistocerca gregaria* 1697
xanthorrhoea, Euproctis, (*Porthesia*)
Xanthospilapteryx syringella (see *Caloptili*
Xenylla welchi
  control of, insecticides for 1022
  descriptions of 1022
  in Italy 1022
  on mushrooms
    damage caused by 1022
    in Italy 1022
Xeris spectrum
  in Poland 685
  on conifers, effects of 3833
  on *Picea,* in Poland 685
  parasitised by, *Ibalia leucospoides,* in Poland 685
Xestia, in Indian region 856
Xestia c-nigrum
  biology of 4188
  control of, insecticides for 4188
  in USSR 4188
  turnip yellow mosaic virus in, not transmitted 3867

- ***hinema,*** control of, nematicides for 5243
- **hydriidae,** in USSR 2250
- C (*see* Phenol, 3,5-dimethyl-, methylcarbamate)
- 1200
- ***ides corcyrensis***
  - Iran 455
  - arasitising, *Osphranteria coerulescens,* in Iran 455
- **lidae,** in USSR 2250
- ***leborus affinis***
  - Brazil 2285
  - n sugar-cane, in Brazil 2285
- ***leborus dispar***
  - ttractants for 5199
  - ungi associated with, in West Germany 2394
  - n Canada 5199
  - n West Germany 2394
  - itrogen utilisation in 2992
  - n *Acer pseudoplatanus,* in West Germany 2394
  - ymbiotic with, *Ambrosiella hartgii* 2992
- ***leborus ferrugineus***
  - ocytes in, activated by bacterial symbionts 1358
  - sterilisation of, antibiotics for 1358
  - sterols in 4598
- ***leborus fornicatus***
  - control of, insecticides for 2846
  - distribution maps for 2180
  - in Sri Lanka 658, 2846
  - on tea
    - in Sri Lanka 658, 2846
    - resistance to 658
- ***yleborus perforans,*** distribution maps for 2180
- ***yleborus saxeseni***
  - attractants for 5199
  - in Canada 5199
- ***yleutes capensis***
  - in Mozambique 2826
  - on *Ricinus communis,* in Mozambique 2826
- **ylitol,** in *Anthonomus grandis,* metabolite of D-xylose 4082
- ***ylocoris flavipes***
  - biology of 5062
  - in Pakistan 5208
  - preying on
    - *Bracon hebetor* 4713
    - *Lasioderma serricorne* 2265
    - *Oryzaephilus surinamensis* 2265
    - pests of stored grain, in Pakistan 5208
    - *Plodia interpunctella* 2265, 4713
    - *Tribolium castaneum* 2265, 5062
    - *T. confusum* 5062
- ***Xylosandrus compactus***
  - control of, insecticides for 654
  - in India 654
  - on coffee, in Mysore 654
- **D-xylose,** in *Anthonomus grandis,* metabolised to xylitol 4082
- ***xylosteanus, Archips***
- ***xylostella, Plutella***
- ***Xyloterus domesticum*** (see *Trypodendron*)
- ***Xylotrechus grumi***
  - in USSR 453
  - parasitised by, *Sclerodermus turkmenicus,* in Turkmenia 453
- ***Xylotrechus quadripes***
  - control of, insecticides for 654
  - in India 654
  - on coffee, in Mysore 654
- ***Xylotrechus rusticus***
  - biology of 1546
  - in South Korea 1546
  - on *Populus,* in South Korea 1546
- ***Xylotrupes gideon asperulus***
  - in Papua New Guinea 2310
  - larvae of 2310
  - on coconut, in New Guinea 2310
- ***Xylotrupes gideon beckeri***
  - in Papua New Guinea 2310
  - larvae of 2310
  - on coconut, in New Guinea 2310
- ***Xylotrupes gideon szekessyi***
  - in Papua New Guinea 2310
  - larvae of 2310
  - on coconut, in New Guinea 2310
- ***Xylotrupes gideon ulysses***
  - in Papua New Guinea 2310
  - larvae of 2310
  - on coconut, in New Guinea 2310
- **Yam**
  - *Heteroligus meles* on
    - in Ivory Coast 2361
    - in Nigeria 2361
- ***Yanga guttulata***
  - biology of 1401
  - in Malagasy Republic 1401
  - on sugar-cane, in Malagasy Republic 1401
- ***yanonensis, Unaspis***
- **Yarns, cotton,** *Lasioderma serricorne* in 3990
- **Yarns, rayon**
  - *Lasioderma serricorne* in 3990
  - pest control in, pyrethrins for 3990
- **Yeast autolysate,** diet component for, *Hylemya brassicae* 4131
- **Yeast extract**
  - culture-medium component for, *Hirsutella thompsonii* 2003
  - diet component for
    - *Chilo auricilius* 4094
    - *Hypera postica* 4661
    - *Phytoseiulus persimilis* 226
- **Yeast hydrolysate**
  - culture-medium component for, *Heliothis zea* cells 13
  - diet component for
    - *Dacus oleae* 4614

Yeast hydrolysate *contd.*
- diet component for *contd.*
  - *Pardalaspis cyanescens* 4664
  - *Sesamia nonagrioides* 3556

Yeastrel (*see* Yeast autolysate)

Yeasts
- bait-spray component for, Chrysopidae 348
- diet component for
  - *Ceratitis capitata* 2933
  - *Chrysopa carnea* 348
  - *Dacus oleae* 2337
  - *Diatraea saccharalis* 3064
  - *Drosophila melanogaster* 2933
  - *Lardoglyphus konoi* 2999
  - *Liriomyza congesta* 3228
  - *Papilio protenor* 3059
  - *Pegomya mixta* 1491
  - *Trogoderma granarium* 1551
  - *Zeiraphera diniana* 1159
- in *Phoracantha semipunctata* gut, contributing to carbohydrate utilisation 3277
- in soil, effects on insecticide persistence of 4027

Yellow nutsedge (see *Cyperus esculentus*)

Yemen, insects in 2597

Yield losses, analytical method for assessing 1601

Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-
- methyl ester, (3β,16β,17α,18β,20α)-
  - in *Acheta domesticus,* effects on locomotor activity of 881
  - in *Heliothis zea,* effects of 2022
  - in *Heliothis virescens,* effects of 2022

yomae, Diaspidiotus

youngana, Cydia, (*Laspeyresia*)

Yponomeuta cognatellus
- in France 4772
- on *Euonymus,* in France 4772
- parasitised by, *Ageniaspis fuscicollis,* in France 4772

Yponomeuta mahalebellus
- in France 4772
- on *Prunus mahaleb,* in France 4772
- parasitised by, *Ageniaspis fuscicollis,* in France 4772

Yponomeuta padellus, parasitised by, *Trieces tricarinatus* 4541

Yponomeuta padellus malinellus
- *Bacillus thuringiensis* in, effects of 3951
- biology of 1174
- carbaryl in, effects of 3951
- control of, insecticides for 4465
- fungi in, in Lithuania 3948
- in France 4772
- in Hungary 1084
- in Iran 1174
- in Turkey 4465
- in USSR 3945, 3948

Yponomeuta padellus malinellus *contd.*
- on apple
  - in France 4772
  - in Hungary 1084
- parasites of, in Lithuania 3945
- parasitised by, *Ageniaspis fuscicollis,* in France 4772

Yponomeuta padellus padellus
- in France 4772
- on plum, in France 4772
- parasitised by, *Ageniaspis fuscicollis,* in France 4772

Yponomeuta rorellus
- biology of 1174
- in Iran 1174
- on *Salix,* in Iran 1174

ypsilon, Agrotis (see *A. ipsilon*)

Yugoslavia
- agricultural pests in 417
- *Agriotes* spp. in 3621
- *Athalia* spp. in 4041
- Braconidae in 2267
- Chrysomelidae in 4935
- Coleoptera in, in imported goods 228
- *Drepanosiphum dixoni* in, on *Acer* 849
- Geometridae in 4934
- *Gypsonoma aceriana* in
  - natural enemies of 687
  - on *Populus* 687
- *Harpiphorus lepidus* in, on *Quercus* 68
- Hymenoptera in 4933
- Noctuidae in 4932
- Orthoptera in 389
- *Oulema melanopus* in, natural enemies o 464
- pests in 4931
- *Pinus* in, pests of 667
- *Salvia aethiopis* in, *Phrydiuchus tau* for biological control of 488
- *Sitophilus zeamais* in, in stored maize 3684
- *Stilpnotia salicis* in, on *Populus* 1152
- *Subcoccinella vigintiquattuorpunctata* in, on lucerne 5037
- Symphyta in 4040

Z-11-tda (*see* 11-Tetradecen-1-ol, acetate, (*Z*)-)

Z-70 (*see* Disulfoton)

zacconius, Chilo

Zagrammosoma multilineatus (see *Cirrospilus*)

Zaïre, *Exitianus centralis* in 2736

Zaitan (R) 85 (*see* Protein hydrolysate)

Zambia, *Sitophilus zeamais* in, on maize 1347

zapateri, Ephippigerida, (*Steropleurus*)

Zaprionus vittiger, amino acids in 4595

Zapyrasta, descriptions of 4543

Zapyrasta calliphana
- descriptions of 4543
- in New Zealand 4543
- in Norfolk Island 4543

- ***Zapyrasta calliphana*** *contd.*
  - on *Muehlenbeckia australis*
    - in New Zealand 4543
    - in Norfolk Island 4543
  - on *Muehlenbeckia complexa*
    - in New Zealand 4543
    - in Norfolk Island 4543
- ***zea, Heliothis,*** (*Helicoverpa*)
- ***Zea mays*** (see Maize)
- ***Zeadiatraea*** (see *Diatraea*)
- ***zeae, Achatodes***
- ***zealandica, Costelytra***
- ***zeamais, Sitophilus***
- ***zebratus, Metaphycus***
- **Zectran** (4-(dimethylamino)-3,5-dimethylphenyl methylcarbamate)
  - against
    - *Choristoneura pinus* 1636
    - *Hemerocampa pseudotsugata* 3994
    - *Liriomyza sativae* 3772
    - *Malacosoma californicum* 804
    - *Pissodes strobi* 3999
    - *Pyrilla perpusilla* 499
  - in solvents, stability of 3987
- ***Zeiraphera diniana***
  - control of, *Bacillus thuringiensis* for 3354
  - in France 3354
  - in Switzerland 337
  - larval coloration in 337
  - on *Larix*
    - in France 3354
    - in Switzerland 337
  - parasitised by, *Trieces dinianae* 4541
  - preyed on by, birds 1016
  - rearing of, diets for 1159
  - reproduction in 3455
  - taxonomy of, *Zeiraphera improbana* misidentified as, in North America 3816
- ***Zeiraphera diniana desertana***
  - in USSR 3814
  - on *Larix,* in USSR 3814
- ***Zeiraphera griseana* auct.** (see *Z. diniana*)
- ***Zeiraphera improbana***
  - biology of 3816
  - in Canada 3816
  - in USA 3816
  - on *Larix laricina,* in Ontario 3816
  - on *Picea mariana,* in Ontario 3816
  - taxonomy of, misidentified as *Z. diniana,* in North America 3816
- ***Zeiraphera rufimitrana,*** parasitised by, *Trieces rufimitranae* 4541
- ***Zelomorpha transcaspica***
  - biology of 1831
  - hosts of 1831
- ***zephyria, Rhagoletis***
- **ZETA** (*see* 9,12-Tetradecadien-1-ol, acetate, (*E,Z*)-)
- ***Zeteticontus,*** taxonomy of 2085
- ***Zeteticontus brasiliensis***
  - sp. n., description of 2085
  - in Brazil 2085
- ***Zeteticontus ceylonicus***
  - sp. n., description of 2085
  - in Sri Lanka 2085
- ***Zeteticontus punctiscutellum***
  - sp. n., description of 2085
  - in South Africa 2085
- ***zetterstedtii, Anabrolepis***
- ***Zetzellia mali***
  - biology of 2657
  - in East Germany 1087
  - in France 2657
  - pesticides in, toxicity of 2657
  - preyed on by, *Malacocoris chlorizans,* in France 2657
  - preying on, *Panonychus ulmi,* in France 2657
- ***Zeuzera pyrina***
  - biology of 173
  - control of, insecticides for 173, 1083
  - in Bulgaria 1457
  - in France 2324
  - in Spain 173, 1083
  - on apple
    - in France 2324
    - in Spain 173, 1083
- ***zhobi, Carphoborus***
- ***Zicrona caerulea***
  - in Bulgaria 2279
  - in Italy 1496
  - preying on, *Leptinotarsa decemlineata,* in Italy 1496
- **Zimbabwe** (*see* Rhodesia)
- ***zimini, Masicera***
- ***zimmermani, Dioryctria***
- **Zinc**
  - diet component for, *Myzus persicae* 349
  - in *Acyrthosiphon pisum,* dietary requirement for 1298
  - in okra, effects on insect pests of 3220
- **Zinc, bis(dimethylcarbamodithioato-*S,S'*)-,** (*T*-4)- (*see* Ziram)
- **Zinc chloride**, diet component for, *Acyrthosiphon pisum* 1298
- **Zinc, [[1,2-ethanediylbis[carbamodithioato]]-(2–)]-** (*see* Zineb)
- ***zinckenella, Etiella***
- **Zineb** ([[1,2-ethanediylbis[carbamodithioato-]](2–)]zinc)
  - against, *Phyllocoptruta oleivora* 2782
  - in *Trichogramma cacoeciae,* effects of 1006
  - with malathion, and maneb, against, *Sitophilus granarius* 4492
  - with maneb
    - against
      - *Brevipalpus phoenicis* 2781
      - *Lorryia turrialbensis* 2781
      - *Sitophilus granarius* 4492

Zinnia, *Monolepta khasiensis* on, in India 2849
Zinnia elegans, *Haplothrips derisor* on, in Sudan 992
Zinnia grandiflora, *Pericallia ricini* on, in Rajasthan 4369
Zinophos (*see* Thionazin)
Ziram ((*T*-4)-bis(dimethylcarbamodithioato-*S,S'*)zinc)
  deposits of, resistance to rain of 3550
  with trichloronate, against, *Hylemya brassicae* 2348
Zizeeria otis (see *Zizera*)
Zizera otis labradus
  in Australia 4337
  on soy bean, in New South Wales 4337
Ziziphus jujuba
  Carpomyia vesuviana on, in Rajasthan 4316
  Thiacidas postica on, in India 1024
Ziziphus mauritiana (see *Z. jujuba*)
Zolon (*see* Phosalone)
Zolone (*see* Phosalone)
Zolone Poudrage (*see* Phosalone)
zonata, Bembex
zonatus, Cholus
zonatus, Dacus
zonellus, Chilo (see *C. partellus*)
Zonocerus elegans
  in Mozambique 3217
  on banana, in Mozambique 3217
Zonocerus variegatus
  activity in 3631
  biology of 5055
  distribution maps of 3544
  in Nigeria 3631, 5055
  in Sudan 4243
  on crops, in Nigeria 3631
  on *Eichhornia crassipes,* in Sudan 4243
  on weeds, in Nigeria 3631
Zootermopsis, nitrogen fixation in 3669
Zootermopsis nevadensis
  gut symbionts in
    effects of timber preservatives on 2272
    effects of wood extracts on 2272
Zophiuma lobulata
  in Papua New Guinea 4144
  on coconut, in New Guinea 4144
zoqui, Rhagoletis
Zosterops gouldii, preying on, *Phthorimaea operculella,* in Western Australia 2912
ZR-0202 (*see* 1,3-Benzodioxole, 5-[[5-(3,3-dimethyloxiranyl)-3-methyl-2-pentenyl]oxy]-)
ZR-0512 (*see* 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (*E,E*)-)
  1588
  2922
  4687
ZR-0515 (*see* 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 1-methylethyl ester, (*E,E*)-)
ZR-0515 *contd.*
  1201
  4687
ZR-0520 (*see* 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, ethyl ester, (*E,E*)-)
  2922
ZR-0619 (*see* 2,4-Dodecadienethioic acid, 11-methoxy-3,7,11-trimethyl-, *S*-ethyl ester, (*E,E*)-)
  2921
  2922
ZR-0699 (*see* 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 2-propynyl ester, (*E,E*)-)
  2921
ZR-0777 (*see* 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, 2-propynyl ester, (*E,E*)-

  2921
  2922
Zucchini (*see* Marrow, zucchini)
zuluagai, Iphiseiodes
zululandiae, Proleurocerus, (*Arachnosinis*)
Zygaena, in Afghanistan 402
Zygina maculifrons
  in India 3155
  on wheat, in Madhya Pradesh 3155
Zygrita diva
  in Australia 4337
  on soy bean, in New South Wales 4337
11-notata, Adonia (see *Semiadalia undecimnotata*)
11-notata, Semiadalia (see *S. undecimnotata*)

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